

1999 FORD

CONNECTOR SYSTEM CATALOG

06-01-99

To: Ford EDS Department Personnel  
All Ford Motor Company System Users  
PVT Representatives  
Full Service Suppliers

cc: J.W. Van Dorn

Subject: Connector System Catalog

This catalog is a publication of the Electrical Distribution Systems Department. This catalog supersedes the version from 6/1/95 and all previous versions. This catalog is intended to represent connection systems which would be approved on vehicles from MY ? and beyond. The connection systems support Ford 2000 aims to reduce complexity without sacrificing quality. \*

**The catalog, however, should be used as a reference only.**

The major modification from the last publication is that this catalog is easier to read. Today, the terminal information precedes the connector information for each section. Also, the connector genders were changed to agree with the electrical connector community. That is, a female connector is one that accepts or houses a female terminal or contact and vice versa. Note that the catalog may show a connector to be female even though the connector drawing may not have been changed.

Users of this catalog should not assume that the connection systems' shown within will be available or recommended for future applications. The dimensions and graphics shown are nominal reference dimensions only.

This connector catalog is considered a living document. This version will become immediately obsolete as new parts are added or modified. It's desired to publish this catalog yearly. The 3 hole page format should allow for simpler updates by just modifying those pages.

Any questions and/or comments regarding the information in this catalog should be addressed to:

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Tom Isaacs

**\* KEEP AND USE PREVIOUS VERSION, SECONDLY**

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## Users Guide

2

## The Interface:

This catalog has been organized into 3 sections - 1) Harness Connector Systems 2) Header Connector Systems 3) Preferred Inline Connector Systems. Each section has been broken-down into sub-sections based upon terminal size. Below are actual samples of a Connector System Matrix and a Terminal System Matrix.

## Terminal Matrix

Terminal Reference Code - Refers to internal indexing of Terminal systems.	1.5mm Sealed Terminals					
	Terminal Reference Code: 116			Terminal Reference Code: 166		
	Isometric View of Terminal.			Isometric View of Terminal.		
Plan Views with overall dimensions.	Female Terminal Shown			Male Terminal Shown		
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
	079G-14A74-ADA	Tin	Yazaki	15 amps	22-20 (22 - 5mm)	078G-14A21-ADA

Primary Terminal Information. Mating parts are on the same row at opposite ends with shared statistics between.

## Connector Matrix

Isometric view of terminal with Terminal Reference Code	8-Way Connectors					
	Terminal Reference Code: 116			Terminal Reference Code: 166		
	Isometric View of Connectors.			Isometric View of Connectors.		
Plan Views with overall dimensions.	Female Connector Shown			Male Connector Shown		
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier
	0046T-14A624-ACA	A	Dark Grey	Special DIA. with CDR	45N	Yazaki
						Male Part Number
						XWGT-14A624-ACA

Primary Connector Information. Mating parts are on the same row at opposite ends with shared statistics between.

## Unique Situations:

Some connectors mate to more than one connector. For reduced catalog searching, the Matrix has included multiple mates (i.e. connector mates to both a harness and header connector).

The Header Connector Systems section has a reversed Matrix in which the male part (header) is displayed first followed by the female part (harness) second.

The Preferred Inline Connector Systems section contains the Micropin family (1.6mm) and has been summarized by showing only base part numbers for several multi-part numbered components. For more detailed or custom connector system applications use the "Ford Supplier Connector Pinout Configuration Request Form" to obtain more information from the supplier which provides that system. This form can be found at the back of the 1.6mm sections.

All dimensions are in mm and are for reference only. For more detailed information see the appropriate Ford release print. For additional information or unique connector systems applications see supplier contact page at the back of this catalog.



**Terminal Current Ratings**

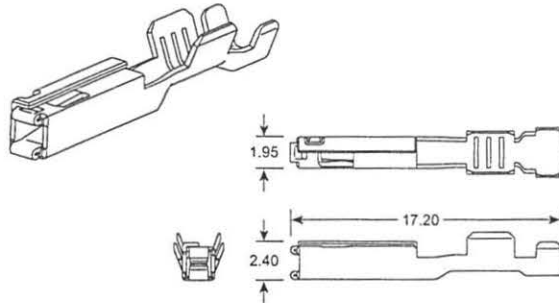
.64mm .....	5 - 7 amps
1.0mm .....	7.75 - 9.75 amps
1.5mm .....	15 amps
2.8mm .....	25 amps
6.3mm .....	35 amps
9.5mm .....	60 amps
1.6mm Micropin .....	15 amps
2.8mm Pin .....	22 amps

Current Rating implies the current necessary to raise the terminal temperature 20°C at a 25°C environment. Further derating will occur if the contact is used in a hotter environment or if a multiple cavity connector is drawing the same load.

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## .64mm Sealed Terminals

Terminal Reference Code: 491

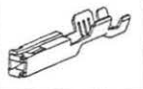


Female Terminal Shown

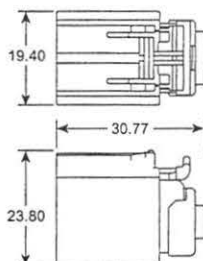
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	1L2T-14474-AA	Tin	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	-
2	1L2T-14474-BA	Tin	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	-
3	1L2T-14474-CA	Gold	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	-
4	1L2T-14474-DA	Gold	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 8 - Way Connector



Terminal  
Reference  
Code: 491



Female Connector Shown

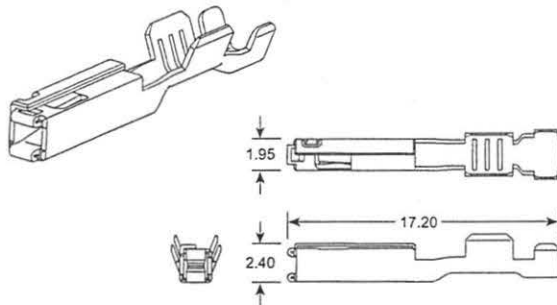
**Direct  
Connect  
Only**

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1L2T-14A464-FA	B	Black	Matte Seal, Spacer PIA, w/o CPA	45N	Osram Sylvania	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

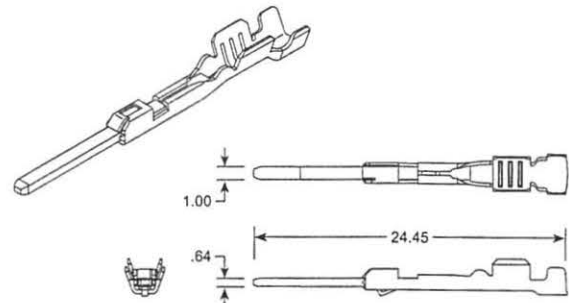
## .64mm Unsealed Terminals

Terminal Reference Code: 491



Female Terminal Shown

Terminal Reference Code:

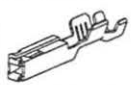


Male Terminal Shown

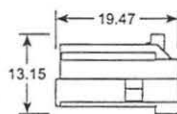
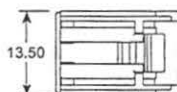
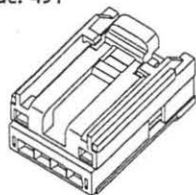
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	1L2T-14474-AA	Tin	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	1L2T-14421-AA
2	1L2T-14474-BA	Tin	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	1L2T-14421-BA
3	1L2T-14474-CA	Gold	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	1L2T-14421-CA
4	1L2T-14474-DA	Gold	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	1L2T-14421-DA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 4 - Way Connector



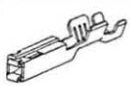
Terminal  
Reference  
Code: 491



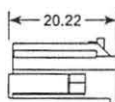
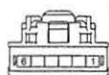
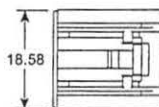
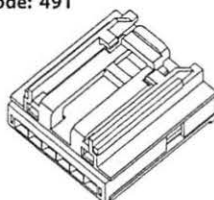
Female Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1L2T-14489-GA	A	Black	Spacer PIA - w/o CPA	31N	Osram Sylvania	-

## 6 - Way Connector



Terminal  
Reference  
Code: 491



Female Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1L2T-14489-EA	A	Black	Spacer PIA - w/o CPA	40N	Osram Sylvania	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 22 - Way Connectors

Female  
Connector  
Polarities:

Terminal  
Reference  
Code: 491

Female Connector Shown

.64mm Male

Female  
Connector  
Polarities:

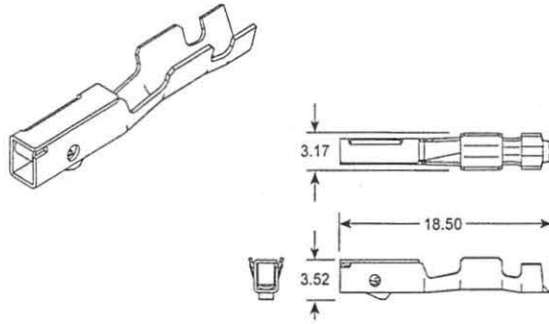
Male Connector Shown

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1S7T-14489-SA	A	Black	Spacer PIA - with CPA	90N	Osram Sylvania	1S7T-14A459-SA
1S7T-14489-TA	B	Black	Spacer PIA - with CPA	90N	Osram Sylvania	1S7T-14A459-TA
1S7T-14489-VA	C	Black	Spacer PIA - with CPA	90N	Osram Sylvania	1S7T-14A459-VA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

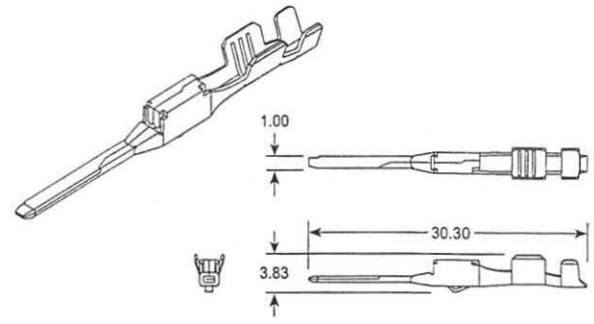
## 1.0mm Sealed Terminals

Terminal Reference Code: 396



Female Terminal Shown

Terminal Reference Code: 458



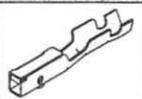
Male Terminal Shown

	Female Part Number	Plating	Supplier	Remarks	Current Rating	Wire Gages	Male Part Number
1	XW4T-14474-AA (dual beam contact)	Gold	AMP	Unsealed & Sealed	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-FA
2	F80B-14474-BA (dual beam contact)	Tin	AMP	Sealed	9.75	18~20 (.35 - 1.0mm)	-
3	F80B-14474-EA (dual beam contact)	Tin	AMP	Sealed	7.75	22 (.5mm)	-

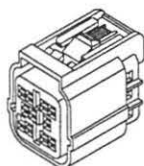


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

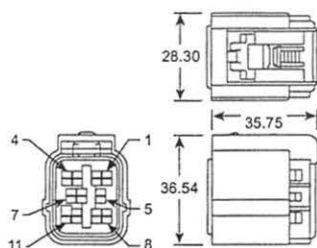
## 11 - Way Connectors



Terminal  
Reference  
Code: 396



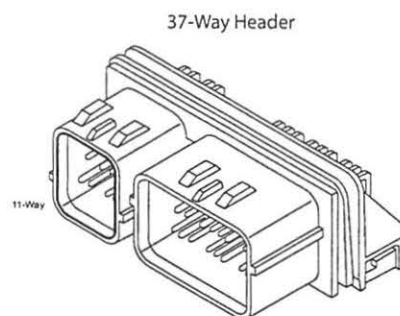
Female  
Connector  
Polarities:



Female (Harness) Connector Shown

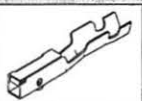
Terminals P.I.A.  
Note: Header is Gray

Male (Header) Connector Shown  
For more information see Header Section

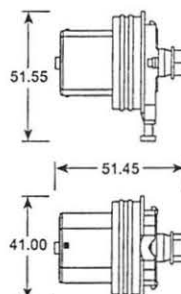
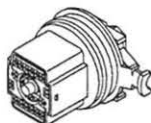


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	98AG-14A464-ALA	B	Black	Matte Seal, CPA, Spacer PIA	39N	Molex	-
2	XF2A-14A464-BA	A	Black	Matte Seal, CPA, Spacer PIA	39N	Molex	XF2A-14A624-AA (37-Way)
3	XL2T-14A464-DA	A	Black	Matte Seal, w/o CPA, Spacer PIA	39N	Molex	XF2A-14A624-AA (37-Way)
4	YF1T-14A464-AAA	C	Black	Matte Seal, CPA, Spacer PIA	39N	Molex	YF1T-14A624-AAA (37-Way)

## 16 - Way Connectors



Terminal  
Reference  
Code: 396



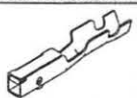
Female Connector Shown

**Direct  
Connection  
Only**

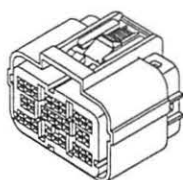
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-AGA	A	Gray	Transmission	Bolt Driven	Amp	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

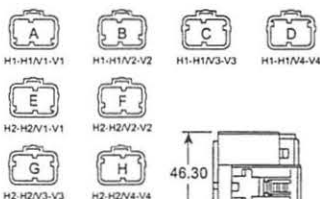
## 26 - Way Connectors



Terminal  
Reference  
Code: 396



Female  
Connector  
Polarities:



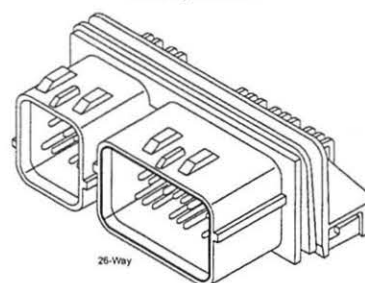
Female (Harness) Connector Shown

Terminals P.I.A.

Note: Header is Gray

Male (Header) Connector Shown  
For more information see Header Section

37-Way Header

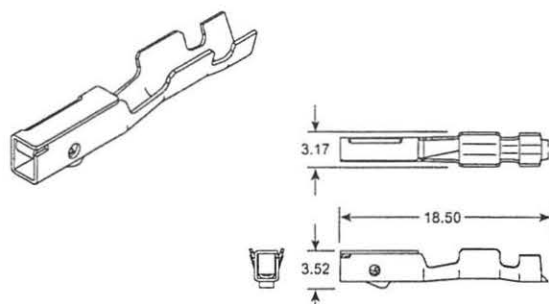


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XF2A-14A464-AA	A	Black	Matte Seal, CPA, Spacer PIA	73N	Molex	XF2A-14A624-AA (37-Way)
2	XL3T-14A464-CA	A	Black	Matte Seal, w/o CPA, Spacer PIA	68N	Molex	XF2A14A624-AA (37-Way)
3	YF1T-14A464-ZA	H	Black	Matte Seal, CPA, Spacer PIA	73N	Molex	YF1T-14A624-AAA (37-Way)
4	98AG-14A464-AZA	B	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-
5	98AG-14A464-BZA	C	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-
6	98AG-14A464-CZA	D	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-
7	98AG-14A464-DZA	E	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-
8	YS6T-14A464-AZA	F	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-
9	YS6T-14A464-BZA	G	Black	Matte Seal, CPA, Spacer PIA	68N	Molex	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

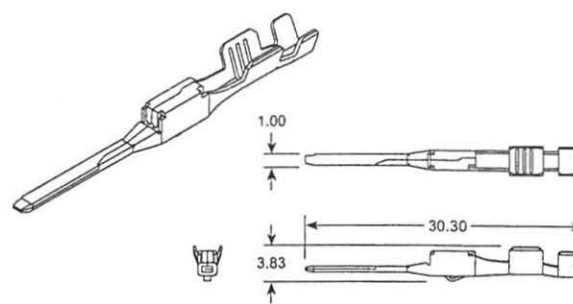
## 1.0mm Unsealed Terminals

Terminal Reference Code: 396



Female Terminal Shown

Terminal Reference Code: 458

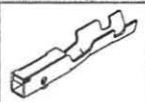


Male Terminal Shown

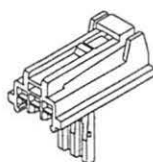
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	XW4T-14474-CA	Gold	Amp	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-FA
2	Black Box	Gold	Amp	7.5	22 (.5mm)	XW4T-14421-FA
3	XW4T-14474-UA	Tin	Amp	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-BA
4	XW4T-14474-VA	Tin	Amp	7.5	22 (.5mm)	XW4T-14421-BA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

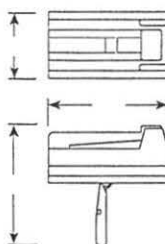
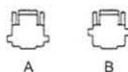
## 3 - Way Connector



Terminal  
Reference  
Code: 396



Female  
Connector  
Polarities:

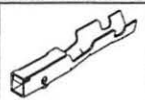


Female (Harness) Connector Shown

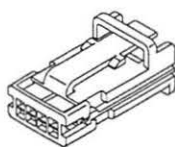
**Direct  
Connect  
Only**

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YF1T-14489-CA	A	White	Single Row Applications	14.3	AMP	-
2	YF1T-14489-BA	B	Green	Single Row Applications	14.3	AMP	-

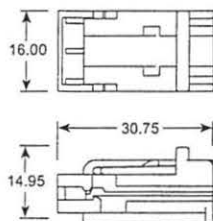
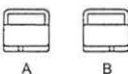
## 4 - Way Connectors



Terminal  
Reference  
Code: 396



Female  
Connector  
Polarities:



Female (Harness) Connector Shown

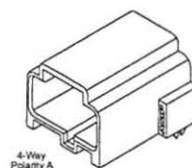
**Terminals P.I.A.**

Note: Headers are Black

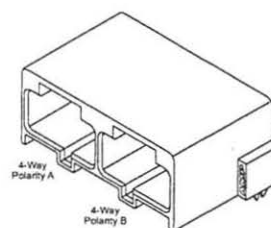
Male (Header) Connectors Shown

For more information see Header Section

4-Way Header



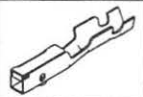
8-Way Header



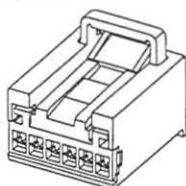
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XF2T-14A464-AA	A	Black	Spacer PIA, w/o CPA	18.4N	AMP	XW4T-14A624-MA (4-Way)
2	XF2T-14A464-AA	A	Black	Spacer PIA, w/o CPA	18.4N	AMP	XF2T-14A624-BA (8-Way)
3	XF2T-14A464-BA	B	Gray	Spacer PIA, w/o CPA	18.4N	AMP	XF2T-14A624-BA (8-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 6 - Way Connectors

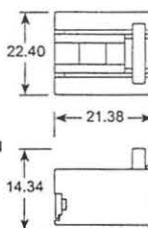
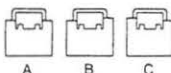


Terminal  
Reference  
Code: 396



Female (Harness) Connector Shown

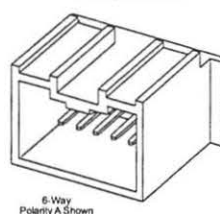
Female  
Connector  
Polarities:



Terminals P.I.A.  
Note: Header is Black

Male (Header) Connector Shown  
For more information see Header Section

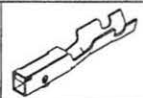
6-Way Header



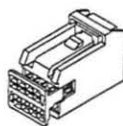
6-Way  
Polarity A Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F8VB-14A464-AB	A	Black	Spacer PIA, w/o CPA	26N	Molex	F8VB-14A624-BB
2	XW43-14A464-AA	B	Gray	Spacer PIA, w/o CPA	30N	Molex	Not Released
3	XW43-14A464-BA	C	Natural	Spacer PIA, w/o CPA	32N	Molex	Not Released

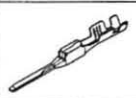
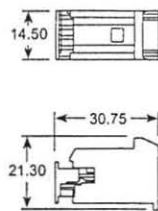
## 8 - Way Connectors



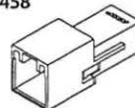
TRC: 396



Female (Harness) Connector Shown

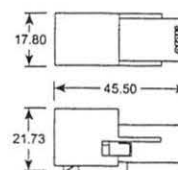


TRC: 458



Male (Harness) Connector Shown

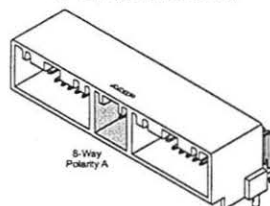
8-Way Harness



Terminals P.I.A.  
Note: Headers are Black

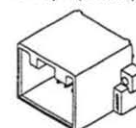
Male (Header) Connectors Shown  
For more information see Header Sections

48-Way Hybrid (Horizontal)



8-Way  
Polarity A

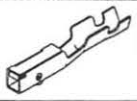
8-Way V (Vertical)



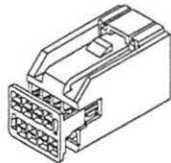
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XF2T-14A464-ANA	A	Black	Spacer PIA, w/o CPA	34N	AMP	XF2T-14A624-ZA (8-Way)
2	XF2T-14A464-ANA	A	Black	Spacer PIA, w/o CPA	34N	AMP	1L2T-14A624-AA (48-Way)
3	XF2T-14A464-ANA	A	Black	Spacer PIA, w/o CPA	34N	AMP	1L2T-14A624-CA (8-Way V)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

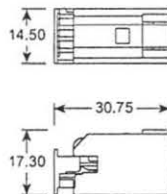
## 8 - Way Connectors



Terminal  
Reference  
Code: 396



Female (Harness) Connector Shown



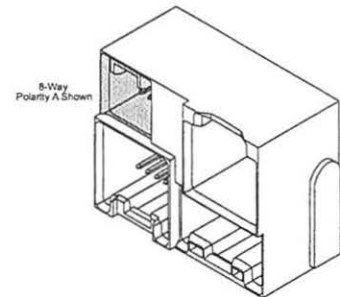
Terminals P.I.A.

Note: Header is Black

Male (Header) Connector Shown

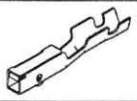
For more information see Header Hybrid Section

44-Way Header Hybrid



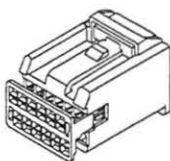
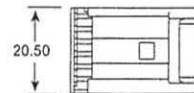
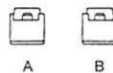
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F8OB-14A464-GA	A	Black	Spacer PIA, w/o CPA, Radio Only	35N	AMP	F8OB-14A624-CA (44-Way)

## 12 - Way Connectors

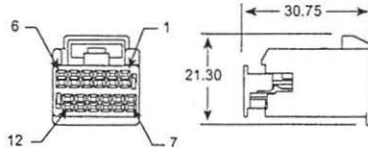


Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



Female (Harness) Connector Shown



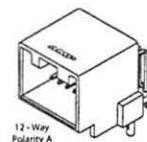
Terminals P.I.A.

Note: Headers are Black

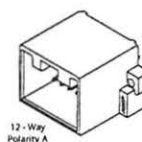
Male (Header) Connectors Shown

For more information see Header Section

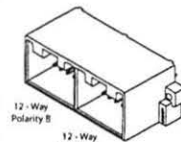
12-Way (horizontal)



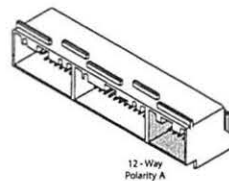
12-Way V (vertical)



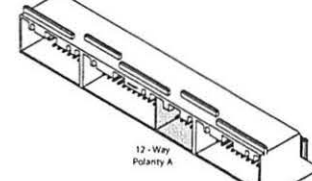
24-Way V (vertical)



58-Way Hybrid (horizontal)



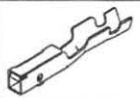
80-Way Hybrid (horizontal)



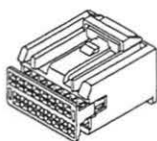
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-AYA	A	Black	Spacer PIA, w/o CPA	52.8N	AMP	XF2T-14A624-AA (12-Way)
2	XW4T-14A464-AYA	A	Black	Spacer PIA, w/o CPA	52.8N	AMP	XR3T-14A624-DA (12-Way V)
3	XW4T-14A464-AYA	A	Black	Spacer PIA, w/o CPA	52.8N	AMP	F8VB-14A624-AB (24-Way V)
4	F8VB-14A464-BB	B	Gray	Spacer PIA, w/o CPA	52.8N	AMP	F8VB-14A624-AB (24-Way V)
5	XW4T-14A464-AYA	A	Black	Spacer PIA, w/o CPA	52.8N	AMP	XW4T-14A624-DA (80-Way)
6	XW4T-14A464-AYA	A	Black	Spacer PIA, w/o CPA	52.8N	AMP	XW4T-14A624-EA (58-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

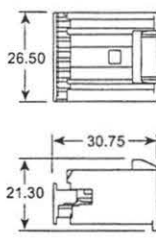
## 16 - Way Connectors



Terminal  
Reference  
Code: 396



Female (Harness) Connector Shown



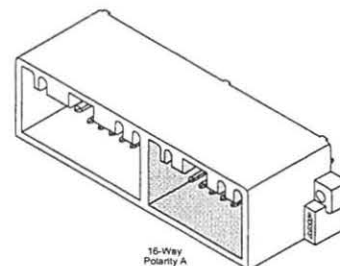
Terminals P.I.A.

Note: Header is Black

Male (Header) Connector Shown

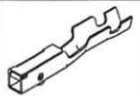
For more information see Header Hybrid Section

36-Way V (Vertical) Header Hybrid

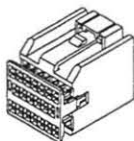


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1L2T-14A464-EA	A	Black	Spacer PIA, w/o CPA	65N	AMP	1L2T-14A624-BA (36-Way V)

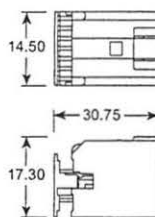
## 20 - Way Connectors



Terminal  
Reference  
Code: 396



Female (Harness) Connector Shown



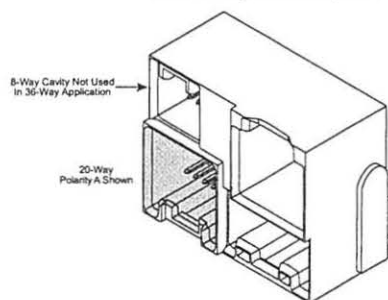
Terminals P.I.A.

Note: Header is Black

Male (Header) Connector Shown

For more information see Header Hybrid Section

36 & 44-Way Header Hybrid

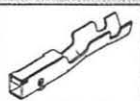


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F8OB-14A464-DA	A	Black	Spacer PIA, w/o CPA, Radio Only	76.9N	AMP	F8OB-14A624-CA (44-Way)
2	F8OB-14A464-DA	A	Black	Spacer PIA, w/o CPA, Radio Only	76.9N	AMP	F8AB-14A624-BA (36-Way)



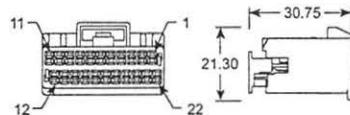
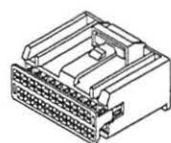
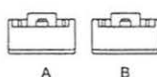
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 22 - Way Connectors



Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



Female (Harness) Connector Shown

Terminals P.I.A.

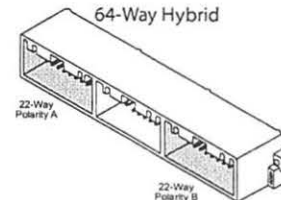
Note: Headers are Black

Male (Header) Connectors Shown  
For more information see Header Section

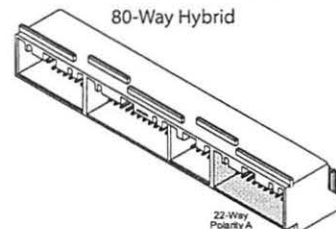
22-Way V (vertical)



64-Way Hybrid

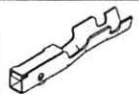


80-Way Hybrid

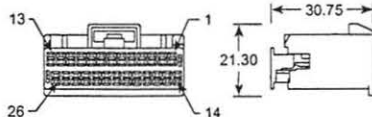
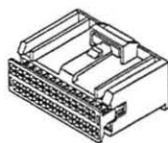


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-LA	A	Black	Spacer PIA, w/o CPA	88N	AMP	XL3T-14A624-CA (22-Way V)
2	XW4T-14A464-LA	A	Black	Spacer PIA, w/o CPA	88N	AMP	XW4T-14A624-GB (64-Way)
3	XW4T-14A464-AMA	B	Gray	Spacer PIA, w/o CPA	88N	AMP	XW4T-14A624-GB (64-Way)
4	XW4T-14A464-LA	A	Black	Spacer PIA, w/o CPA	88N	AMP	XW4T-14A624-DA (80-Way)

## 26 - Way Connectors



Terminal  
Reference  
Code: 396



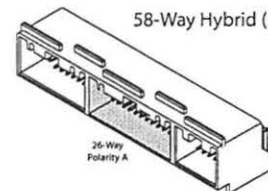
Female (Harness) Connector Shown

Terminals P.I.A.

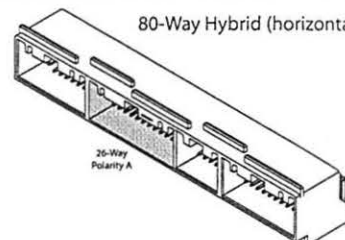
Note: Headers are Black

Male (Header) Connectors Shown  
For more information see Header Hybrid Section

58-Way Hybrid (horizontal)



80-Way Hybrid (horizontal)

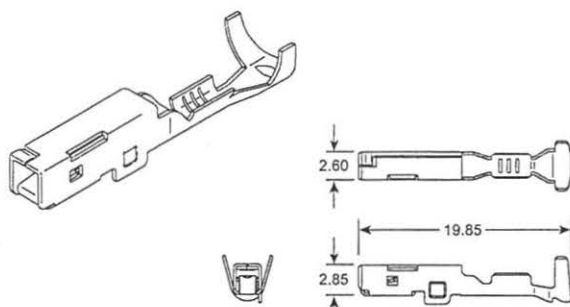


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-JA	A	Black	Spacer PIA, w/o CPA	97N	AMP	XW4T-14A624-EA (58-Way)
2	XW4T-14A464-JA	A	Black	Spacer PIA, w/o CPA	97N	AMP	XW4T-14A624-DA (80-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

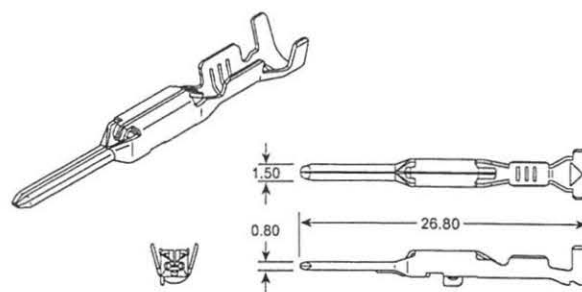
## 1.5mm Sealed Terminals

Terminal Reference Code: 116



Female Terminal Shown

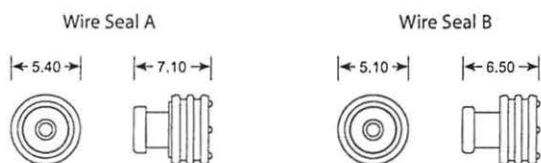
Terminal Reference Code: 166



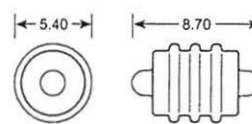
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-ADA	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-ADA
2	97BG-14474-AEA	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AEA
3	97BG-14474-AKA	Tin	Yazaki	15 amps	14 (1.5mm <sup>2</sup> )	-
4	97BG-14474-AHA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AHA
5	97BG-14474-AJA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AJA

## Wire Seals/Cavity Plugs



Wire Seal Shown

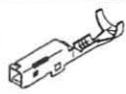


Un-Used Cavity Plug

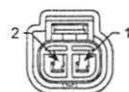
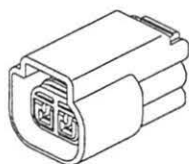
	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-AA	Wire Seal A	Red	ESB-M1L123-A	Yazaki	ø 1.19 ~ 1.65
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-BA	Wire Seal A	Blue	ESB-M1L123-A	Yazaki	ø 1.6 ~ 2.34
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	XW4T-14603-MA	Wire Seal A	Lt. Gray	ESB-M1L123-A	Yazaki	ø 2.34 ~ 2.69
				WSS-M1L135-A1	Yazaki	
4	97BG-10C930-SBA	Wire Seal B	Pink	-	AFL	ø 1.19 ~ 1.65
5	XW43-1603-AA	Wire Seal B	Green	-	AFL	ø 1.60 ~ 2.10
6	XW4T-14603-FA	Wire Seal B	Yellow	-	AFL	ø 2.10 ~ 2.50
7	97BG-10C930-DA	Cavity Plug	Green	N/A	Yazaki	N/A

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

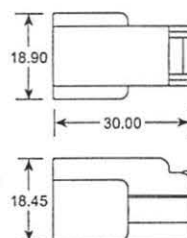
## 2 - Way Connector



Terminal  
Reference  
Code: 116



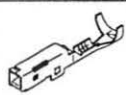
Female Connector Shown



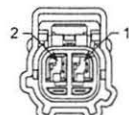
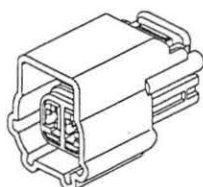
**Direct  
Connect  
For COP, CPS, CID  
Only**

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1F1T-14A464-AA	A	Black	Spacer PIA, w/o CPA	21N	AFL	-

## 2 - Way Connector

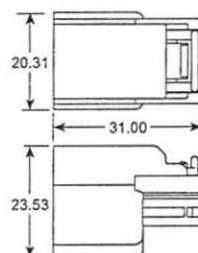


Terminal  
Reference  
Code: 116



Female Connector Shown

USCAR Design - Most Preferred




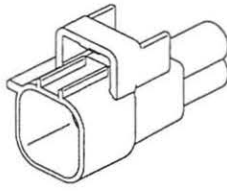
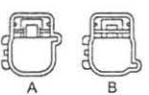
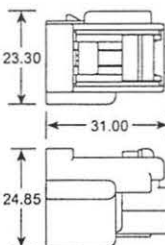
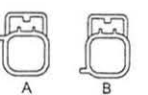
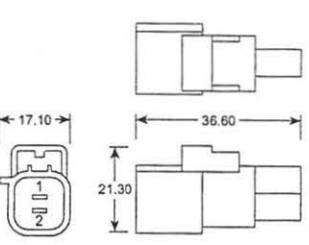


**Direct  
Connection  
Only**


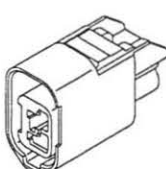
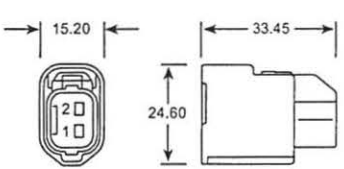
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1L2T-14A464-AA	A	Black	Spacer PIA, with CPA	21N	AFL	-
2	1L2T-14A464-BA	A	Black	Spacer PIA, w/o CPA	21N	AFL	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors

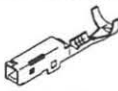

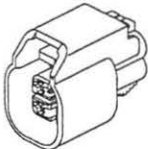
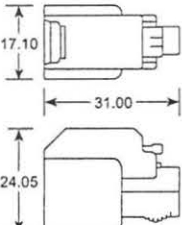
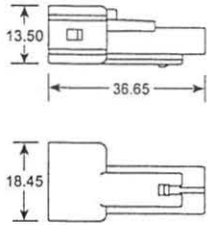
						
Terminal Reference Code: 116			Terminal Reference Code: 166			
						
Female Connector Shown			Male Connector Shown			
<p>Female Connector Polarities:</p>  			<p>Female Connector Polarities:</p>  			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14A464-RBA	A	Yellow	Spacer PIA, with CPA, with Shorting Bars	37N	AFL	97BG-14A624-RBA
XL2T-14A464-CA	A	Yellow	Spacer PIA, w/o CPA, with Shorting Bars	37N	AFL	97BG-14A624-RBA

## 2 - Way Connectors

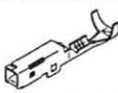
<div></div> <div>Terminal Reference Code: 116</div> <div></div> <div></div> <div>Female Connector Shown</div>				<div>Direct Connect Only</div>		
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
F81B-14A464-KA	A	Black	Spacer PIA, w/o CPA	21N	Yazaki	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way (Speaker ONLY) Connectors

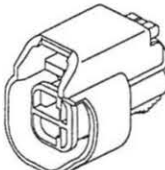
		Only One Polarization Available				
Terminal Reference Code: 116				Terminal Reference Code: 166		
						
		Female Connector Shown		Male Connector Shown		
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 XR3T-14A464-AA	A	Black	Spacer PIA, w/o CPA	20N	AFL	XR3T-14A624-CA

## 2 - Way (Fuel Injector ONLY) Connector

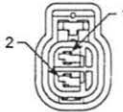
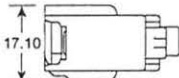

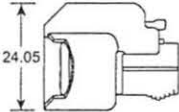


Terminal Reference Code: 116

Only One Polarization Available



Female Connector Shown

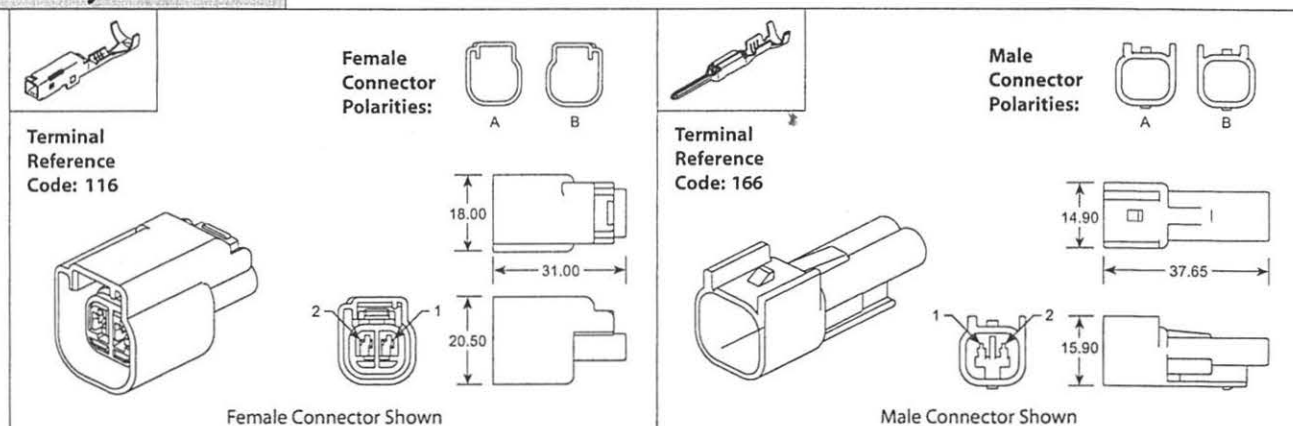





Direct Connection Only

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 XW43-14A464-AAA	A	Black	Spacer PIA, w/o CPA	20N	AFL	-
2 97BG-14A464-SBA	A	Yellow	Spacer PIA, w/o CPA	20N	AFL	-
3 98AG-14A464-SBA	A	Gray	Spacer PIA, w/o CPA	20N	AFL	-

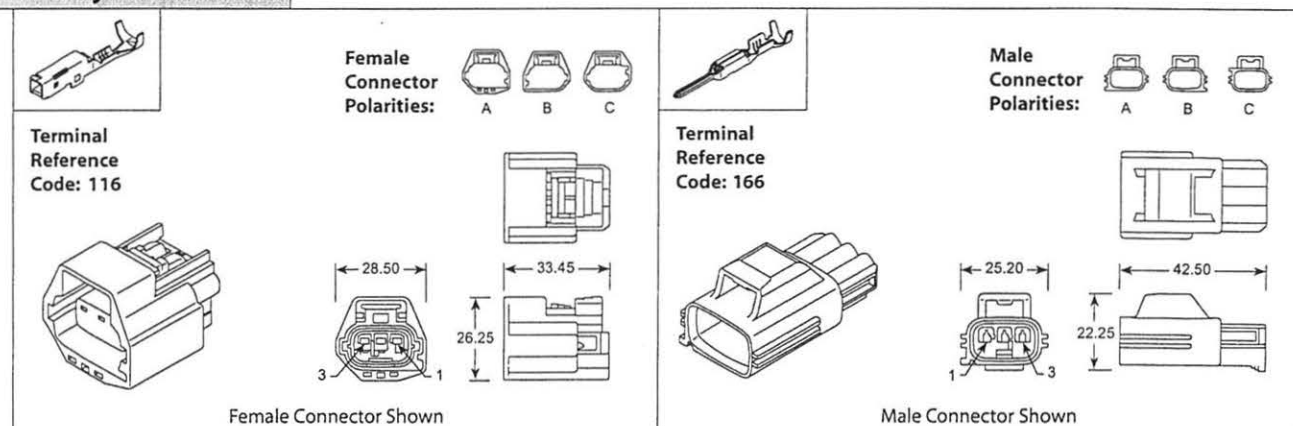
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YF1T-14A464-FA	A	Black	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-CA
2	YF1T-14A464-GA	B	Black	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-DA
3	YF1T-14A464-TA	A	Gray	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-CA
4	YC1T-14A464-MA	C	Green	Spacer PIA, w/o CPA	21N	AFL	-

## 3 - Way Connectors



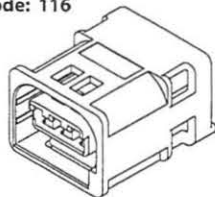
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-EB	A	Black	Spacer PIA, w/o CPA	27N	Yazaki	XW4T-14A624-AJA
2	XW4T-14A464-VB	A	Black	Spacer PIA, with CPA	27N	Yazaki	XW4T-14A624-AJA
3	XW4T-14A464-FA	B	Dk. Gray	Spacer PIA, w/o CPA	27N	Yazaki	-
4	XW4T-14A464-XA	B	Dk. Gray	Spacer PIA, with CPA	27N	Yazaki	-
5	XW4T-14A464-GA	C	Brown	Spacer PIA, w/o CPA	27N	Yazaki	-
6	XW4T-14A464-YA	C	Brown	Spacer PIA, with CPA	27N	Yazaki	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

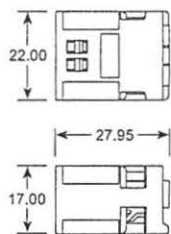
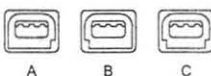
## 3 - Way Connector



Terminal  
Reference  
Code: 116



Female  
Connector  
Polarities:



Female Connector Shown

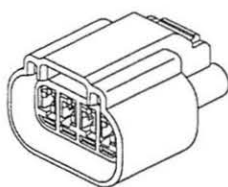
**Direct  
Connection  
Only**

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-AKA	A	Black	Spacer PIA, w/o CPA	25N	FCI	-
2	XW4T-14A464-ARA	B	Gray	Spacer PIA, w/o CPA	25N	FCI	-

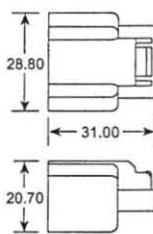
## 4 - Way Connectors



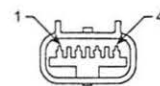
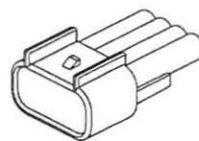
Terminal  
Reference  
Code: 116



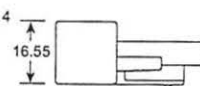
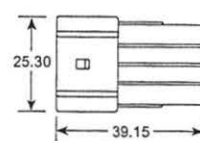
Female Connector Shown



Terminal  
Reference  
Code: 166



Male Connector Shown



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YF1T-14A464-CA	A	Black	Spacer PIA, w/o CPA	37N	AFL	1F2T-14A624-BA

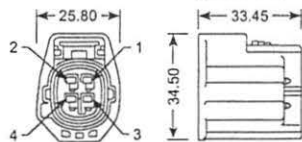
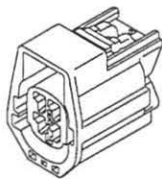


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 4 - Way Connectors



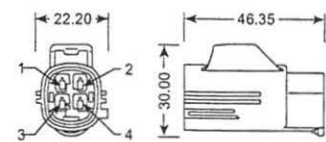
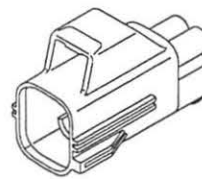
Terminal  
Reference  
Code: 116



Female Connector Shown



Terminal  
Reference  
Code: 166



Male Connector Shown

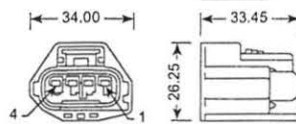
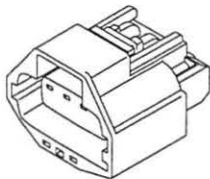
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
98AG-14A464-YDB	A	Dk. Gray	Spacer PIA, w/o CPA	30N	Yazaki	98AG-14A624-YDB

1

## 4 - Way Connector



Terminal  
Reference  
Code: 116



Female Connector Shown

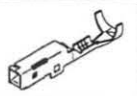
**Direct  
Connection  
Only**

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
XS6T-14A464-YDA	A	Black	Spacer PIA, w/o CPA	39N	Yazaki	-

1

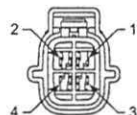
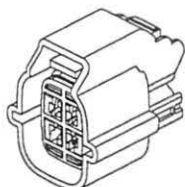
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 4 - Way Connector

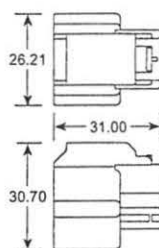


USCAR Design - Most Preferred

Terminal  
Reference  
Code: 116



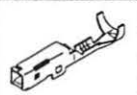
Female Connector Shown



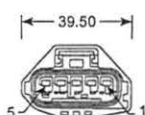
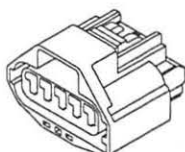
**Direct  
Connection  
Only**

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 YF1T-14A464-BA	A	Black	Spacer PIA, w/o CPA	60N	AFL	-

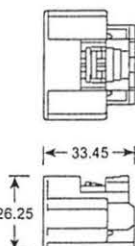
## 5 - Way Connector



Terminal  
Reference  
Code: 116



Female Connector Shown



**Direct  
Connection  
Only**

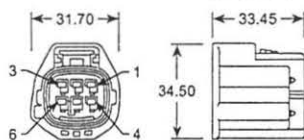
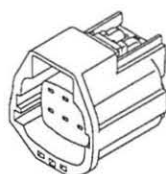
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 F87B-14A464-AA	A	Black	Spacer PIA, with CPA	67N	Yazaki	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 6 - Way Connectors



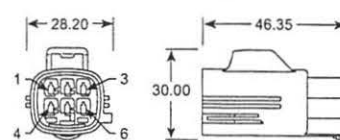
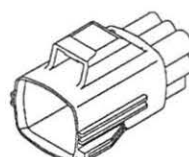
Terminal  
Reference  
Code: 116



Female Connector Shown



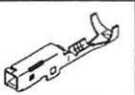
Terminal  
Reference  
Code: 166



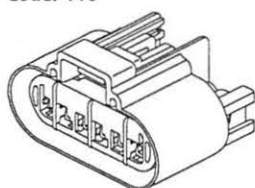
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F81B-14A464-MB	A	Dk. Gray	Spacer PIA, with CPA	35N	Yazaki	XW4T-14A624-AEB
2	XW4T-14A464-BLB	A	Black	Spacer PIA, w/o CPA	35N	Yazaki	XW4T-14A624-BHB
3	XW4T-14A464-BEB	A	Black	Spacer PIA, with CPA	35N	Yazaki	XW4T-14A624-BHB

## 6 - Way Connector



Terminal  
Reference  
Code: 116



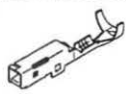
Female Connector Shown

**Direct  
Connection  
Only**

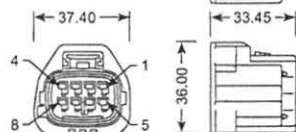
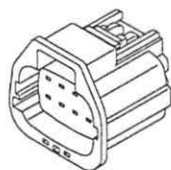
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-BRA	A	Black	Spacer PIA, w/o CPA	50N	AFL	-
2	2L1T-14A464-AA	A	Black	Spacer PIA, with CPA	50N	AFL	-

Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 8 - Way Connectors



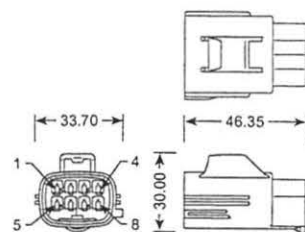
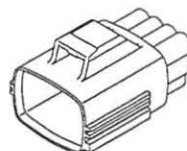
Terminal  
Reference  
Code: 116



Female Connector Shown



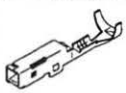
Terminal  
Reference  
Code: 166



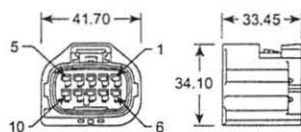
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-ACA	A	Dk. Gray	Spacer PIA, with CPA	48N	Yazaki	XW4T-14A624-ACA
2	XW4T-14A464-BMA	A	Black	Spacer PIA, w/o CPA	48N	Yazaki	XW4T-14A624-BJA
3	XW4T-14A464-BFA	A	Black	Spacer PIA, with CPA	48N	Yazaki	XW4T-14A624-BJA

## 10 - Way Connector



Terminal  
Reference  
Code: 116



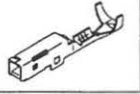
Female Connector Shown

**Direct  
Connection  
Only**

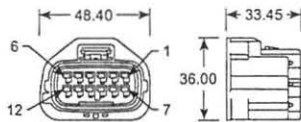
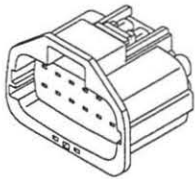
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XR8T-14A464-BA	A	Dk. Gray	With CPA, Cavities Not Used - 1	66N	Yazaki	-
2	XR8T-14A464-AA	A	Dk. Gray	With CPA, Cavities Not Used - 5, 9	58N	Yazaki	-
3	XW4T-14A464-CAA	A	Black	With CPA, Cavities Not Used - 5, 9	58N	Yazaki	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

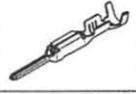
## 12 - Way Connectors



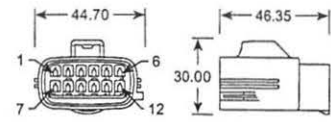
Terminal  
Reference  
Code: 116



Female Connector Shown



Terminal  
Reference  
Code: 166



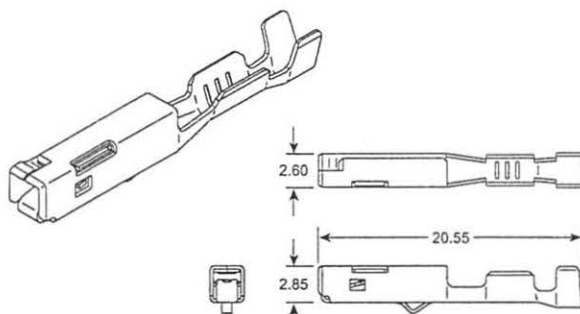
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-ADB	A	Dk. Gray	Spacer PIA, with CPA	80N	Yazaki	XW4T-14A624-ADB
2	XW4T-14A464-BNB	A	Black	Spacer PIA, w/o CPA	80N	Yazaki	XW4T-14A624-BKB
3	XW4T-14A464-BGB	A	Black	Spacer PIA, with CPA	80N	Yazaki	XW4T-14A624-BKB

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

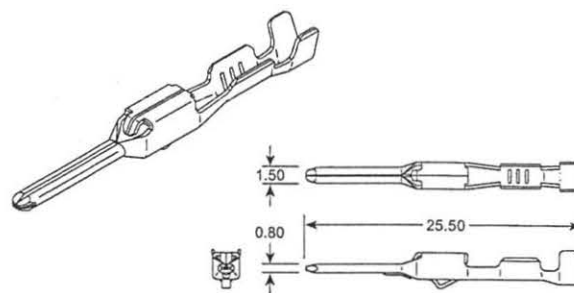
## 1.5mm Unsealed Terminals

Terminal Reference Code: 160



Female Terminal Shown

Terminal Reference Code: 112




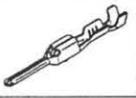


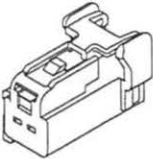
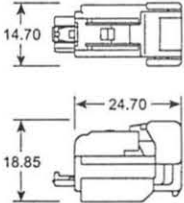
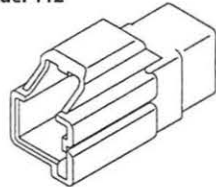
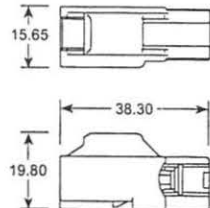


Male Terminal Shown

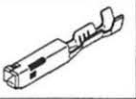

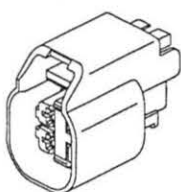
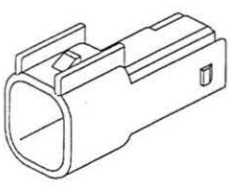
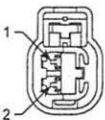
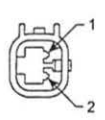
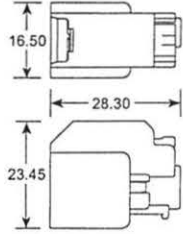
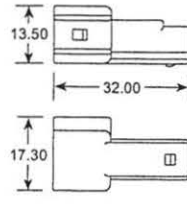
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AAB
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-ABB
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	97BG-14421-ACB
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AFA
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AGA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors

	<b>Female Connector Polarities:</b>		 		<b>Male Connector Polarities:</b>		 
<b>Terminal Reference Code: 160</b>							
<b>Female Connector Shown</b>				<b>Male Connector Shown</b>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
97BG-14489-YBB	A	Lt. Gray	Spacer PIA, w/o CPA	16N	Yazaki	97BG-14A459-YBB	
XW4T-14489-DB	B	Green	Spacer PIA, w/o CPA	16N	Yazaki	XW4T-14A459-BB	

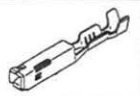
## 2 - Way (Speaker ONLY) Connectors

																				
Terminal Reference Code: 160			Terminal Reference Code: 112																	
																				
																				
Female Connector Shown			Male Connector Shown																	
																				
Only One Polarization Available			Only One Polarization Available																	
<table><tr><th>Female Part Number</th><th>Polarity</th><th>Color</th><th>Remarks</th><th>Mating Force</th><th>Supplier</th><th>Male Part Number</th></tr><tr><td>XR3T-14A464-BA</td><td>A</td><td>Black</td><td>Spacer PIA, w/o CPA</td><td>15N</td><td>AFL</td><td>YF1T-14A624-EA</td></tr></table>							Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	XR3T-14A464-BA	A	Black	Spacer PIA, w/o CPA	15N	AFL	YF1T-14A624-EA
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number														
XR3T-14A464-BA	A	Black	Spacer PIA, w/o CPA	15N	AFL	YF1T-14A624-EA														

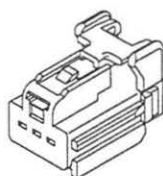


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

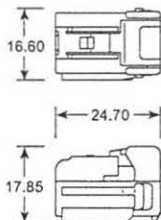
## 3 - Way Connectors



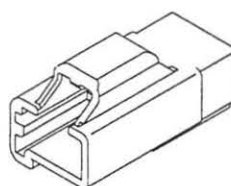
Terminal  
Reference  
Code: 160



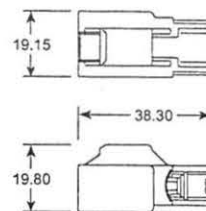
Female Connector Shown



Terminal  
Reference  
Code: 112



Male Connector Shown

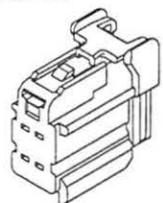


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XR8T-14489-NB	A	Lt. Gray	Spacer PIA, w/o CPA	23N	Yazaki	XR8T-14A459-EB

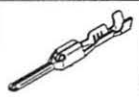
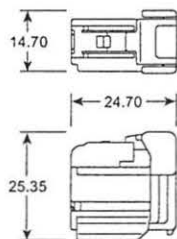
## 4 - Way Connectors



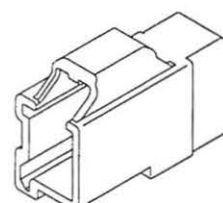
Terminal  
Reference  
Code: 160



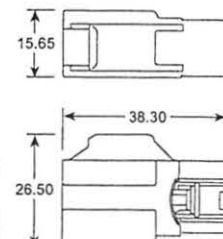
Female Connector Shown



Terminal  
Reference  
Code: 112



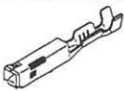
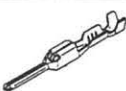
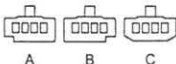
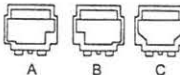
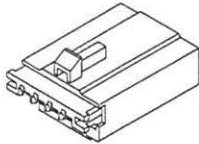
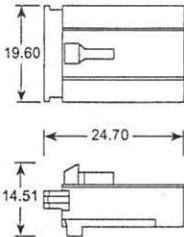
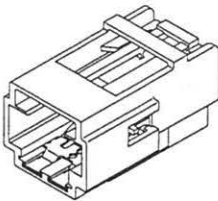
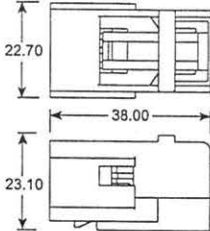
Male Connector Shown




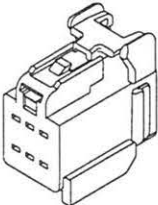
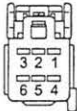
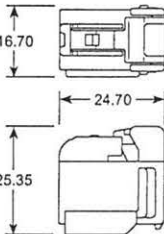
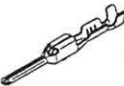
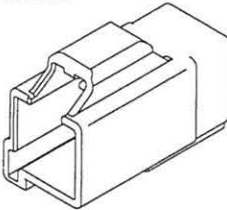
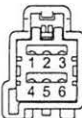
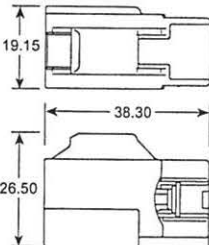
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YDB	A	Lt. Gray	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-YDB
2	97BG-14489-ADB	A	Yellow	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-ADB

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 4 - Way Connectors

											
<b>Female Connector Polarities:</b>						<b>Male Connector Polarities:</b>					
<b>Terminal Reference Code: 160</b>						<b>Terminal Reference Code: 112</b>					
											
Female Connector Shown						Male Connector Shown					
Female Part Number	Polarity	Color	Remarks			Mating Force	Supplier	Male Part Number			
YF1T-14A464-JA	A	Gray	Spacer PIA, w/o CPA, with Shorting Bar			44N	Molex	YF1T-14A624-LA			

## 6 - Way Connectors

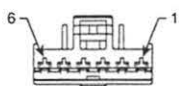
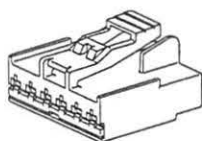
 <b>Terminal Reference Code: 160</b>    <p>16.70 24.70 25.35</p> <p>Female Connector Shown</p>				 <b>Terminal Reference Code: 112</b>    <p>19.15 38.30 26.50</p> <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
97BG-14489-YFB	A	Lt. Gray	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-YFB	

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

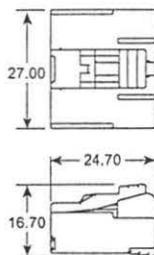
## 6 - Way Connector



Terminal  
Reference  
Code: 160



Female Connector Shown



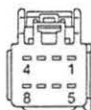
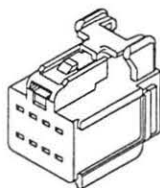
**Direct  
Connect  
Only**

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YF1T-14A464-HA	A	Black	Spacer PIA, w/o CPA	75N	Osram Sylvania	N/A

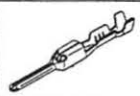
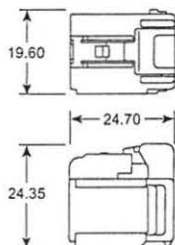
## 8 - Way Connectors



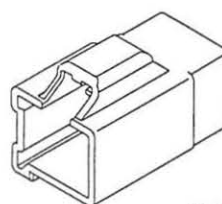
Terminal  
Reference  
Code: 160



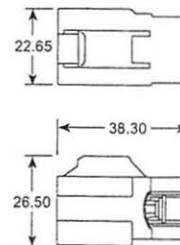
Female Connector Shown



Terminal  
Reference  
Code: 112



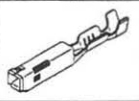
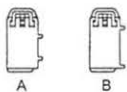

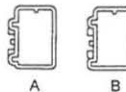
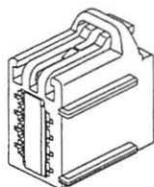
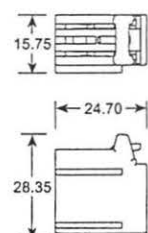
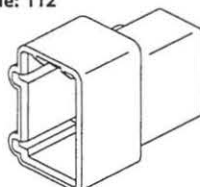
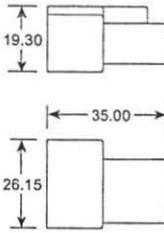
Male Connector Shown




	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XF2A-14489-AB	A	Lt. Gray	Spacer PIA, w/o CPA	44N	Yazaki	XF2A-14A459-AB

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

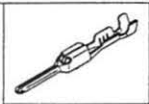
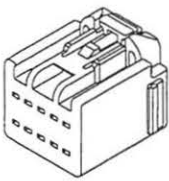
## 8 - Way Connectors

		<p>Female Connector Polarities:</p> 				<p>Male Connector Polarities:</p> 	
<p>Terminal Reference Code: 160</p> 				<p>Terminal Reference Code: 112</p> 			
Female Connector Shown				Male Connector Shown			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
XF2T-14A464-LA	A	Black	Spacer PIA, w/o CPA	35N	AFL	XF2T-14A624-KB	
XF2T-14A464-MB	B	Gray	Spacer PIA, w/o CPA	35N	AFL	XF2T-14A624-LC	

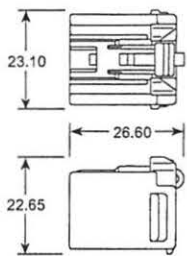
## 10 - Way Connectors



Terminal Reference Code: 160



Terminal Reference Code: 112

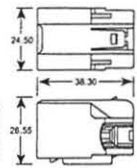


23.10  
26.60  
22.65

Female (Harness) Connector Shown

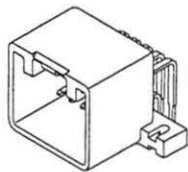
Male (Harness) Connector Shown

10-Way Harness



24.50  
38.30  
26.55

10-Way Header

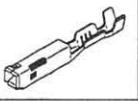
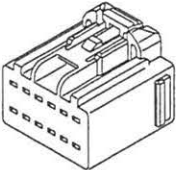
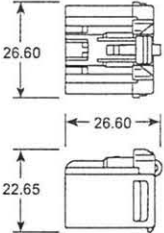

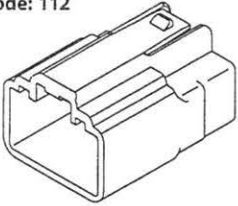
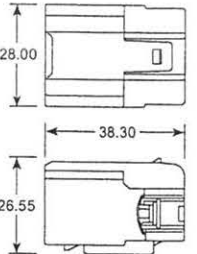


Male (Header) Connector Shown  
For more information see Header Section

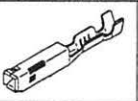
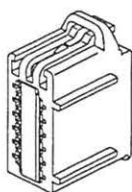
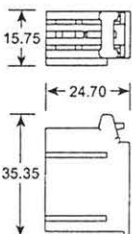
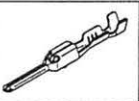
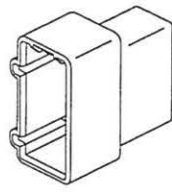
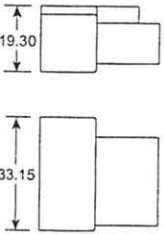
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-YKB	A	Lt. Gray	Spacer PIA, w/o CPA	48N	Yazaki	97BG-14A459-YKB
XW4T-14489-APA	A	Yellow	Spacer PIA, w/o CPA	48N	Yazaki	XW4T-14A459-CA
97BG-14489-YKB	A	Lt. Gray	Spacer PIA, w/o CPA	48N	Yazaki	XW4T-14A624-AFA (Header)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 12 - Way Connectors

 <p>Terminal Reference Code: 160</p>   <p>Female Connector Shown</p>				 <p>Terminal Reference Code: 112</p>   <p>Male Connector Shown</p>		
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 97BG-14489-YMB	A	Lt. Gray	Spacer PIA, w/o CPA	59N	Yazaki	97BG-14A459-YMB

## 12 - Way Connectors

 <p>Terminal Reference Code: 160</p>   <p>Female Connector Shown</p>				 <p>Terminal Reference Code: 112</p>   <p>Male Connector Shown</p>		
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 XF2T-14A464-KA	A	Black	Spacer PIA, w/o CPA	43N	AFL	XF2T-14A624-JB
2 XF2T-14A464-PB	B	Gray	Spacer PIA, w/o CPA	43N	AFL	XF2T-14A624-PC

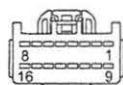
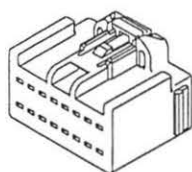
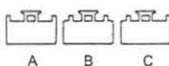
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 16 - Way Connectors

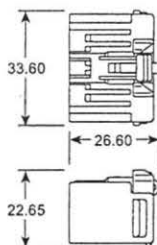


Terminal  
Reference  
Code: 160

Female  
Connector  
Polarities:

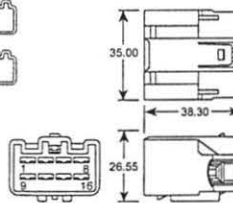


Female Connector Shown



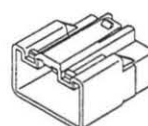
Terminal  
Reference  
Code: 112

Polarities:

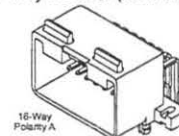


Male (Harness) Connector Shown

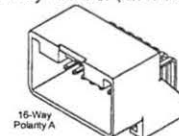
16-Way Harness



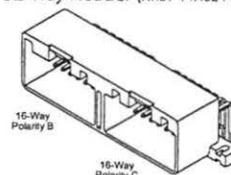
16-Way Header (XW4T-14A624-CA)



16-Way Header (XW4T-14A624-UA)



32-Way Header (XR8T-14A624-AA)

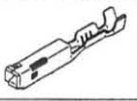
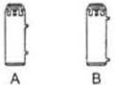
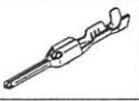
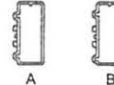
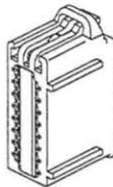
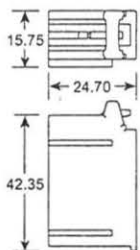
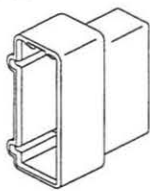
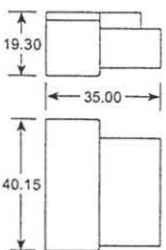


Male (Header) Connectors Shown  
For more information see Header Section

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-YTB
2	97BG-14489-ZTB	B	Blue	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-ZTB
3	97BG-14489-VTB	C	Lt. Gray	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-VTB
4	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	86N	Yazaki	XW4T-14A624-CA (16-Way Header)
5	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	88N	Yazaki	XW4T-14A624-UA (16-Way Header)
6	97BG-14489-ZTB	B	Blue	Spacer PIA, w/o CPA	80N	Yazaki	XR8T-14A624-AA (32-Way Header)
7	97BG-14489-VTB	C	Lt. Gray	Spacer PIA, w/o CPA	80N	Yazaki	XR8T-14A624-AA (32-Way Header)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 16 - Way Connectors

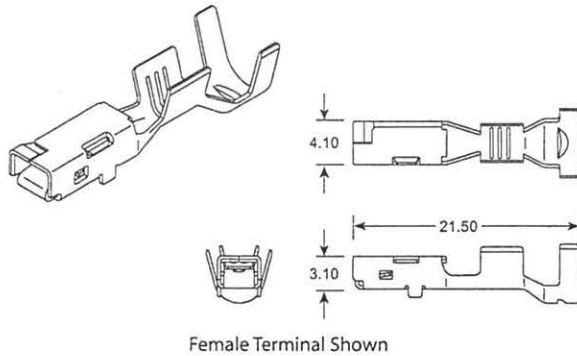
	<p>Female Connector Polarities:</p> 			<p>Male Connector Polarities:</p> 		
<p>Terminal Reference Code: 160</p> 			<p>Terminal Reference Code: 112</p> 			
<p>Female Connector Shown</p> <p>Male Connector Shown</p>						
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 XF2T-14A464-NB	A	Gray	Spacer PIA, w/o CPA	57N	AFL	XF2T-14A624-NC
2 XF2T-14A464-JA	B	Black	Spacer PIA, w/o CPA	57N	AFL	XF2T-14A624-HB



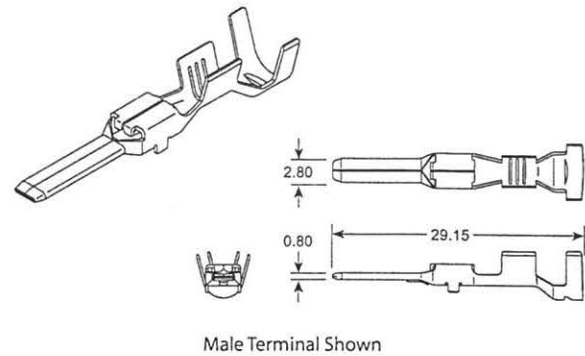
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2.8mm Sealed Terminals

Terminal Reference Code: 119

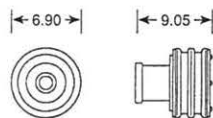


Terminal Reference Code: 167

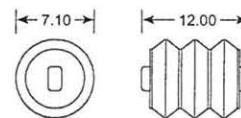


	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BDA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BDA
2	97BG-14474-BEA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BEA
3	97BG-14474-BFA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BFA
4	F8ZB-14474-AA	Tin	Yazaki	25 amps	12	TBD

## Wire Seals/Cavity Plugs



Wire Seal Shown




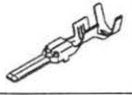
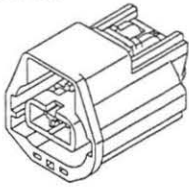
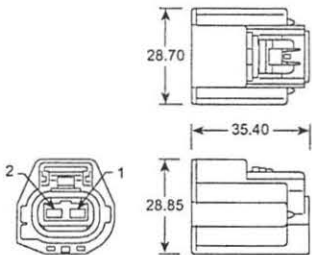
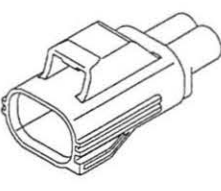
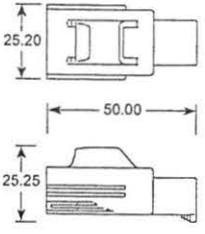
Un-Used Cavity Plug

	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-EA	Wire Seal	Green	ESB-M1L123-A	Yazaki	ø 1.19 ~ 1.9
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-FA	Wire Seal	Yellow	ESB-M1L123-A	Yazaki	ø 1.88 ~ 2.1
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	97BG-10C930-GA	Wire Seal	White	ESB-M1L123-A	Yazaki	ø 2.18 ~ 3.0
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
4	F8ZB-14603-AA	Wire Seal	Lt. Grey	ESB-M1L123-A	Yazaki	ø 3.1 ~ 3.3
5	97BG-10C930-HA	Cavity Plug	Blue	-	Yazaki	-

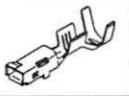
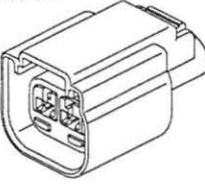
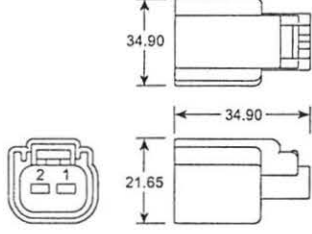
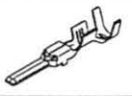
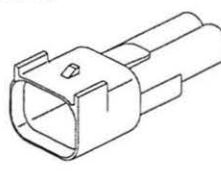
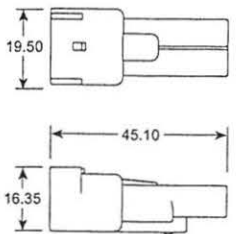


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors

						
<p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>			<p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 97BG-14A464-VBB	A	Dk. Gray	Spacer PIA, w/o CPA	22N	Yazaki	97BG-14A624-VBB

## 2 - Way Connectors

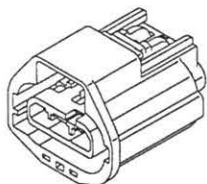
 <p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>			 <p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 YF1T-14A464-DA	A	Black	Spacer PIA, w/o CPA	22N	AFL	YF1T-14A624-AA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

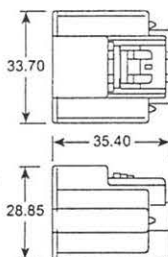
## 3 - Way Connector



Terminal  
Reference  
Code: 119



Female Connector Shown



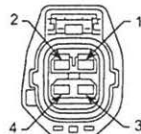
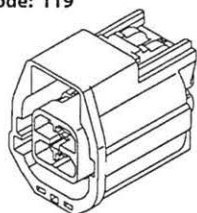
**Direct  
Connect  
Only**

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 YC1T-14A464-HA	A	Dk. Gray	Spacer PIA, w/o CPA	48N	Yazaki	-

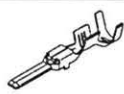
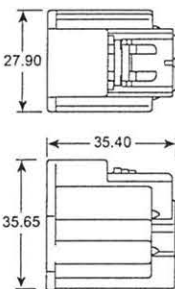
## 4 - Way Connectors



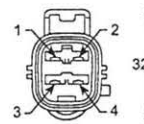
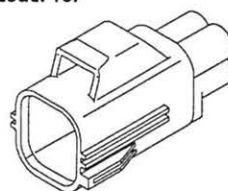
Terminal  
Reference  
Code: 119



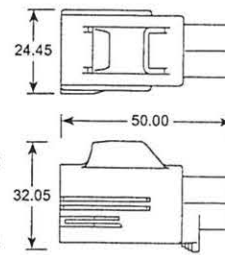
Female Connector Shown



Terminal  
Reference  
Code: 167





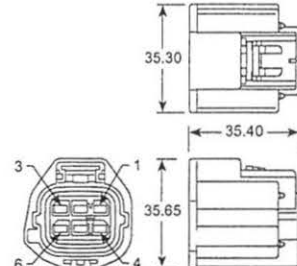

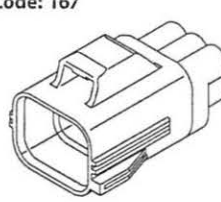
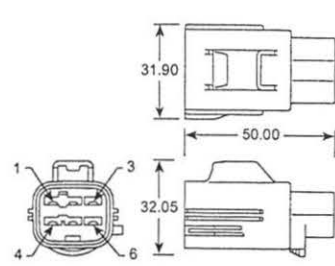
Male Connector Shown





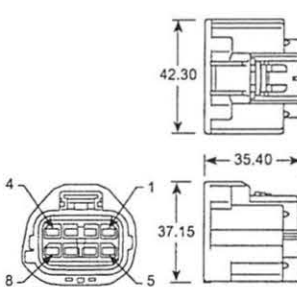

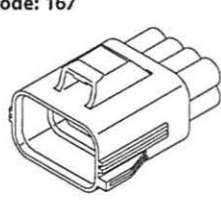
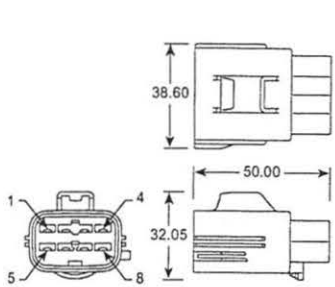
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 YC1T-14A464-CA	A	Dk. Gray	Spacer PIA, w/o CPA	54N	Yazaki	YC1T-14A624-CA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 6 - Way Connectors

 <p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>			 <p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
XW4T-14A464-DAA	A	Dk. Gray	Spacer PIA, w/o CPA	70N	Yazaki	XW4T-14A624-CAA

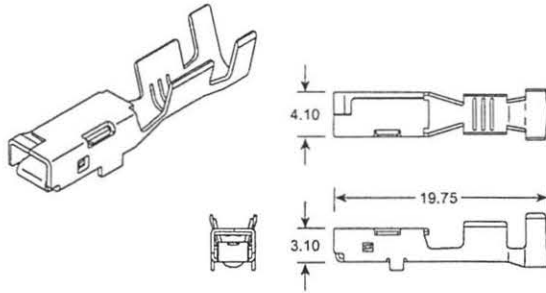
## 8 - Way Connectors

 <p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>				 <p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
1 98AG-14A464-EHC	A	Dk. Gray	Spacer PIA, w/o CPA	96N	Yazaki	98AG-14A624-EHB	

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

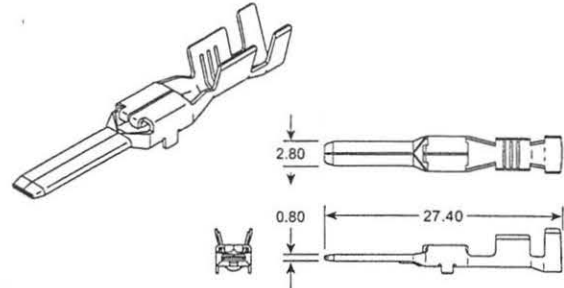
## 2.8mm Unsealed Terminals

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165



Male Terminal Shown

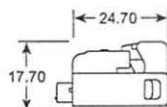
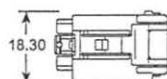
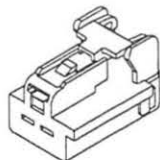
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors



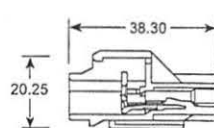
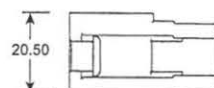
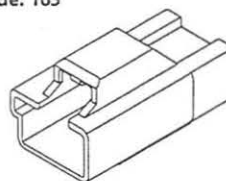
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165



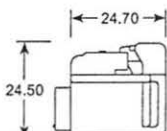
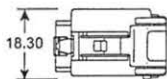
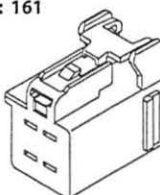
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-VBB	A	Lt. Gray	Spacer PIA, w/o CPA	33N	Yazaki	97BG-14A459-VBB

## 4 - Way Connectors



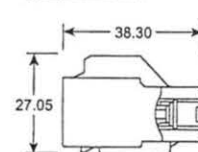
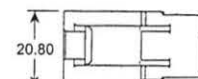
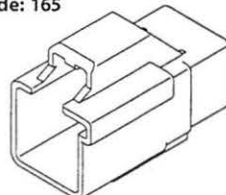
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165

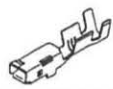


Male Connector Shown

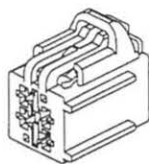
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-ZDB	A	Lt. Gray	Spacer PIA, w/o CPA	31N	Yazaki	97BG-14A459-ZDB

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

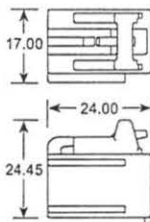
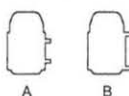
## 4 - Way Connectors



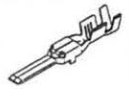
Terminal  
Reference  
Code: 161



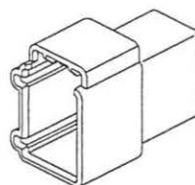
Female  
Connector  
Polarities:



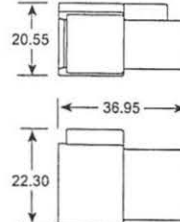
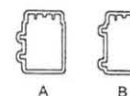
Female Connector Shown



Terminal  
Reference  
Code: 165



Male  
Connector  
Polarities:



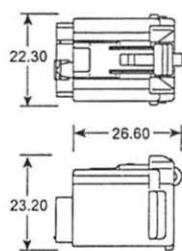
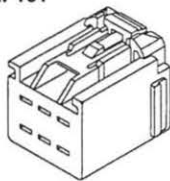
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XF2T-14A464-CB	A	Black	Spacer PIA, w/o CPA	41N	AFL	XF2T-14A624-MB
2	XF2T-14A464-DC	B	Gray	Spacer PIA, w/o CPA	41N	AFL	XF2T-14A624-CC

## 6 - Way Connectors



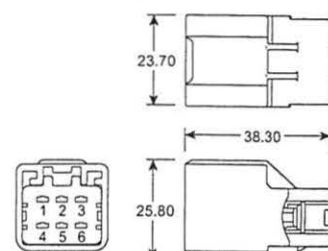
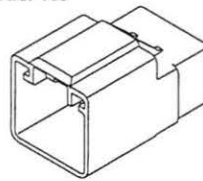
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165







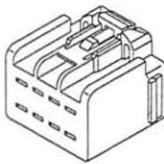
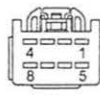
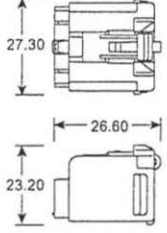
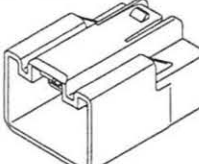

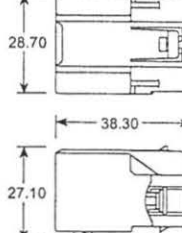


Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14489-ARA	A	Lt. Gray	Spacer PIA, w/o CPA	46N	Yazaki	TBD




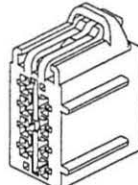
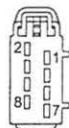
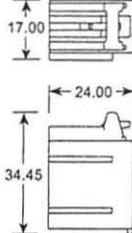
Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 8 - Way Connectors

	<b>Female Connector Polarities:</b>		 A	 B		<b>Male Connector Polarities:</b>		 A	 B
<b>Terminal Reference Code: 161</b>					<b>Terminal Reference Code: 165</b>				
<b>Female Connector Shown</b>					<b>Male Connector Shown</b>				

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-ZHC	A	Lt. Gray	Spacer PIA, w/o CPA	89N	Yazaki	97BG-14A459-ZHC
XF2T-14489-GA	A	Blue	Spacer PIA, w/o CPA	89N	Yazaki	TBD
YF1T-14489-AA	B	Green	Spacer PIA, w/o CPA	89N	Yazaki	TBD

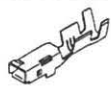
## 8 - Way Connectors

		Female Connector Polarities:		 A		 B	
Terminal Reference Code: 161				Female Connector Shown			
							

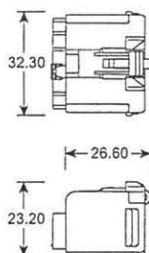
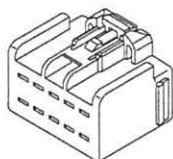


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

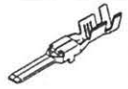
## 10 - Way Connectors



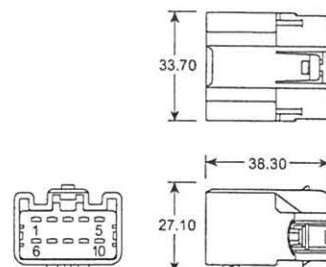
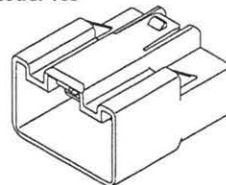
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165



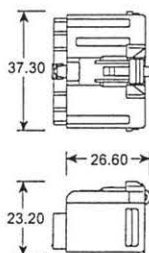
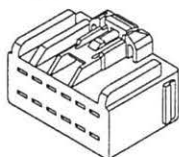
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	98AG-14489-EKB	A	Lt. Gray	Spacer PIA, w/o CPA	98N	Yazaki	98BG-14A459-EKB

## 12 - Way Connectors



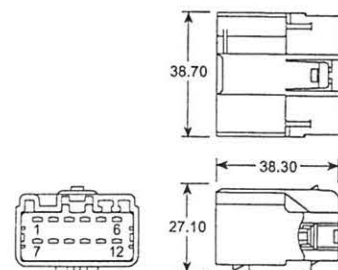
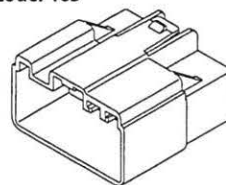
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165



Male Connector Shown

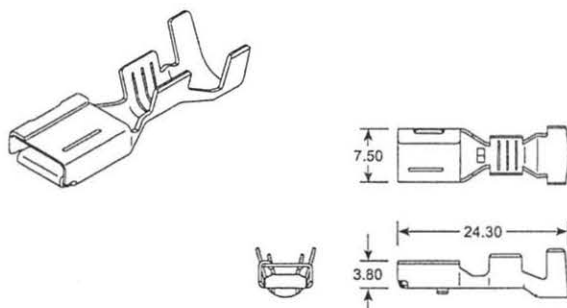
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14489-ALB	A	Lt. Gray	Spacer PIA, w/o CPA	99N	Yazaki	TBD



Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

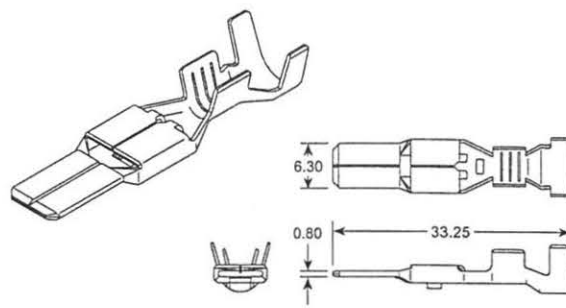
## 6.3mm Sealed Terminals

Terminal Reference Code: 121



Female Terminal Shown

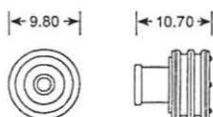
Terminal Reference Code: 71



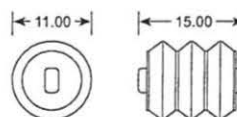
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CDA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CDA
2	97BG-14474-CEA	Tin	Yazaki	35 amps	14 (1.5 - 2.5mm <sup>2</sup> )	97BG-14421-CEA
3	97BG-14474-CFA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CFA
4	1C1T-14474-AA	Tin	Yazaki	35 amps	10	1C1T-14421-AA

## Wire Seals/Cavity Plugs



Wire Seal Shown



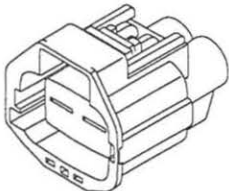
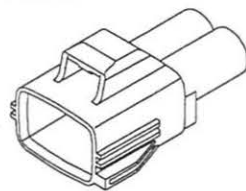
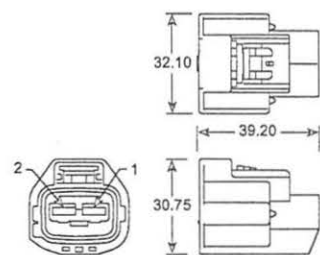
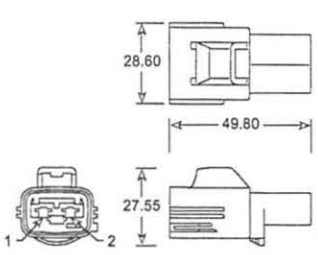


Un-Used Cavity Plug



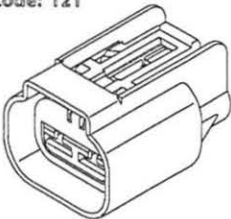
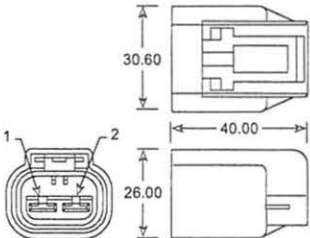
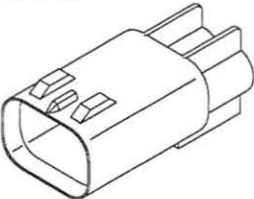
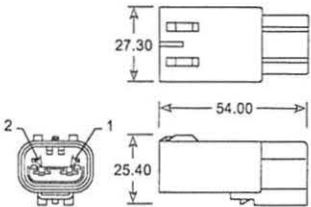
	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-JA	Wire Seal	Red	ESB-M1L123-A	Yazaki	ø 1.4 ~ 2.1
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-KA	Wire Seal	Blue	ESB-M1L123-A	Yazaki	ø 2.18 ~ 3.0
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	97BG-10C930-LA	Wire Seal	Black	ESB-M1L123-A	Yazaki	ø 3.1 ~ 3.7
				WSK-M1L126-A	Yazaki	
4	1C1T-14603-AA	Wire Seal	Lt. Grey	ESB-M1L123-A	Yazaki	ø 3.8 ~ 4.05
5	97BG-10C930-MA	Cavity Plug	Green	-	Yazaki	-

**Note:** For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors

						
Terminal Reference Code: 121			Terminal Reference Code: 71			
						
						
Female Connector Shown			Male Connector Shown			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
98AG-14A464-ZBB	A	Dk. Gray	Spacer PIA, w/o CPA	42N	Yazaki	98AG-14A624-ZBB

## 2 - Way Connectors

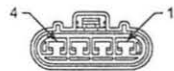
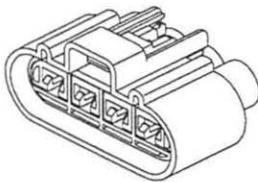
						
<p>Terminal Reference Code: 121</p>   <p>Female Connector Shown</p>			<p>Terminal Reference Code: 71</p>   <p>Male Connector Shown</p>			
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
XS71-14A464-LBA	A	Black	Spacer PIA, w/o CPA	35N	Molex	1L5T-14A624-CA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

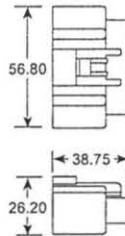
## 4 - Way Connector



Terminal  
Reference  
Code: 121



Female Connector Shown

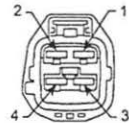
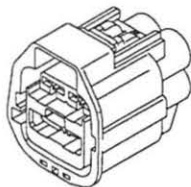


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1L2T-14A464-DA	A	Black	Spacer PIA, w/o CPA	65N	AFL	TBD

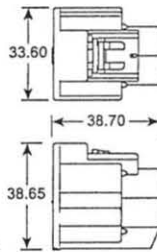
## 4 - Way Connectors



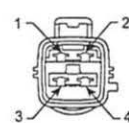
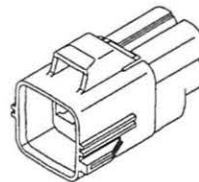
Terminal  
Reference  
Code: 121



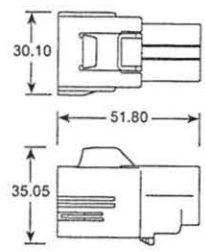
Female Connector Shown



Terminal  
Reference  
Code: 71



Male Connector Shown

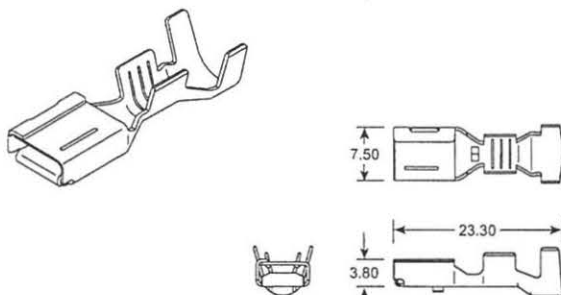


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1C1T-14A464-AA	A	Dk. Gray	Spacer PIA, w/o CPA	56N	Yazaki	1C1T-14A624-AA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

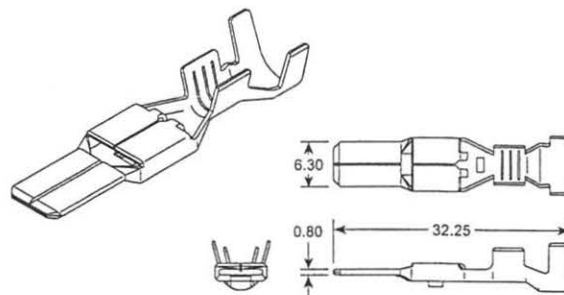
## 6.3mm Unsealed Terminals

Terminal Reference Code: 80



Female Terminal Shown

Terminal Reference Code: 65



Male Terminal Shown

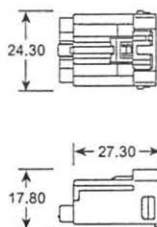
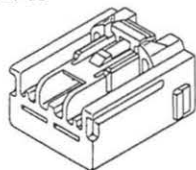
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CAA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CAA
2	97BG-14474-CBA	Tin	Yazaki	35 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-CBA
3	97BG-14474-CCA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CCA
4	XW4T-14474-TA	Tin	Yazaki	35 amps	10	XW4T-14421-EA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 2 - Way Connectors



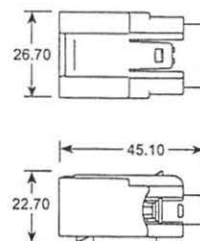
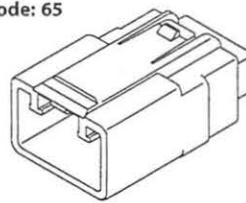
Terminal  
Reference  
Code: 80



Female Connector Shown



Terminal  
Reference  
Code: 65



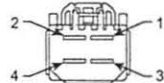
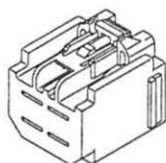
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-ZBB	A	Lt. Gray	Spacer PIA, w/o CPA	31N	Yazaki	97BG-14A459-ZBB

## 4 - Way Connectors



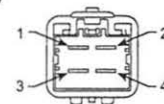
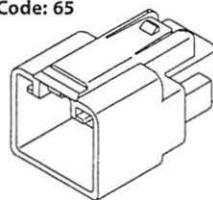
Terminal  
Reference  
Code: 80



Female Connector Shown



Terminal  
Reference  
Code: 65



Male Connector Shown

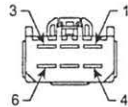
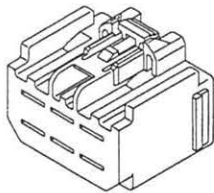
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XR8T-14489-EB	A	Lt. Gray	Spacer PIA, w/o CPA	57N	Yazaki	XR8T-14A459-CB

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

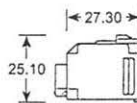
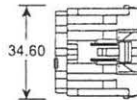
## 6 - Way Connectors



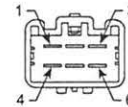
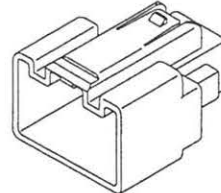
Terminal  
Reference  
Code: 80



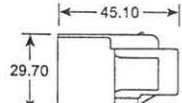
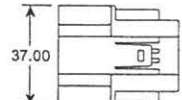
Female Connector Shown



Terminal  
Reference  
Code: 65



Male Connector Shown

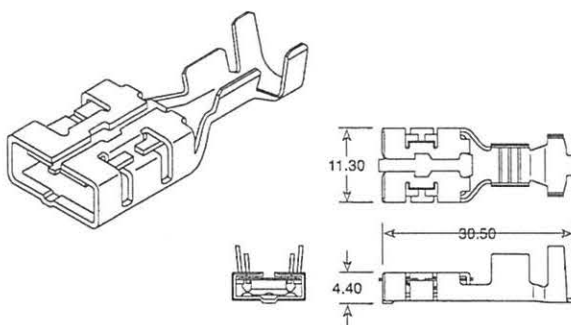


	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YC1T-14489-BA	A	Lt. Gray	Spacer PIA, w/o CPA	-	Yazaki	TBD

Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

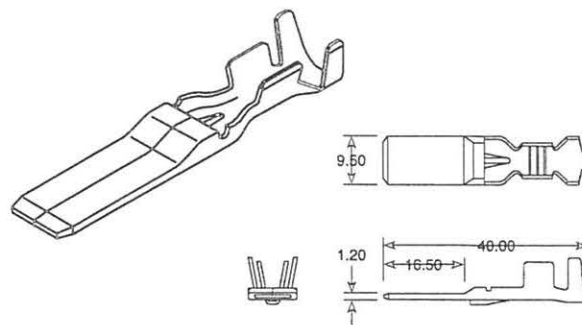
## 9.5mm Terminals

Terminal Reference Code: 23



Female Terminal Shown

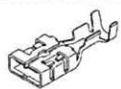
Terminal Reference Code: 85



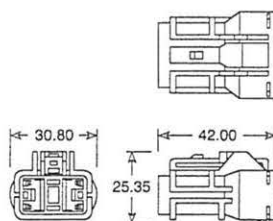
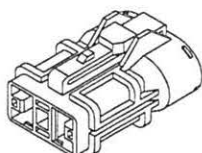
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	93BG-14474-YCA	Tin	Yazaki	60	10 (5.0mm <sup>2</sup> )	93BG-14421-YCA
2	96FG-14474-YBA	Tin	Yazaki	60	12 (4.0mm <sup>2</sup> )	96FG-14421-YBA

## 2 - Way Connectors



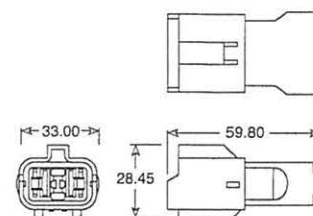
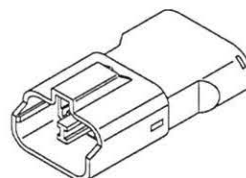
Terminal  
Reference  
Code: 23



Female Connector Shown



Terminal  
Reference  
Code: 85



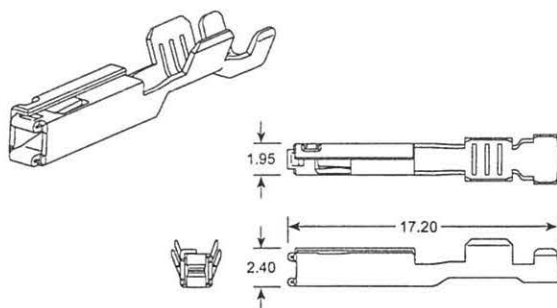
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	93BG-14A464-YBA	A	Black	Spacer PIA, w/o CPA	84N	Yazaki	93BG-14A624-YBA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

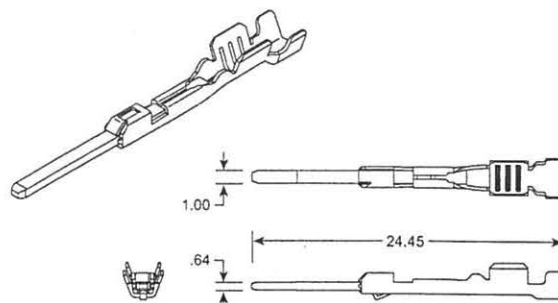
## .64mm Unsealed Terminals

Terminal Reference Code: 491



Female Terminal Shown

Terminal Reference Code:

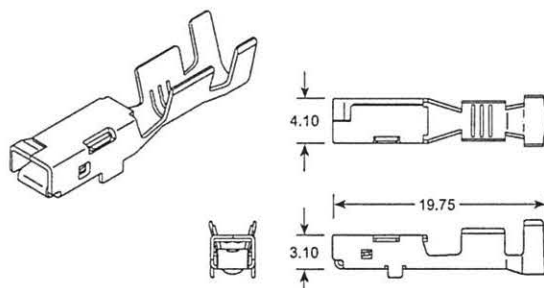


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	1L2T-14474-AA	Tin	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	1L2T-14421-AA
2	1L2T-14474-BA	Tin	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	1L2T-14421-BA
3	1L2T-14474-CA	Gold	Osram Sylvania	7 amps	20 - 18 (.5 - .75mm <sup>2</sup> )	1L2T-14421-CA
4	1L2T-14474-DA	Gold	Osram Sylvania	5 amps	24 - 22 (.35 - .22mm <sup>2</sup> )	1L2T-14421-DA

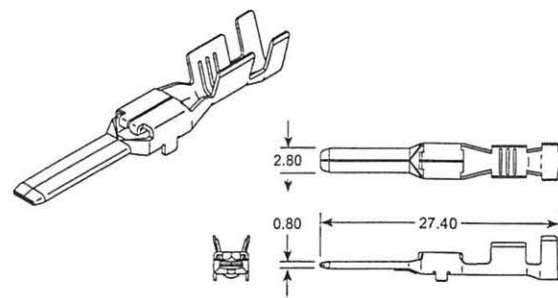
## 2.8mm Unsealed Terminals

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165



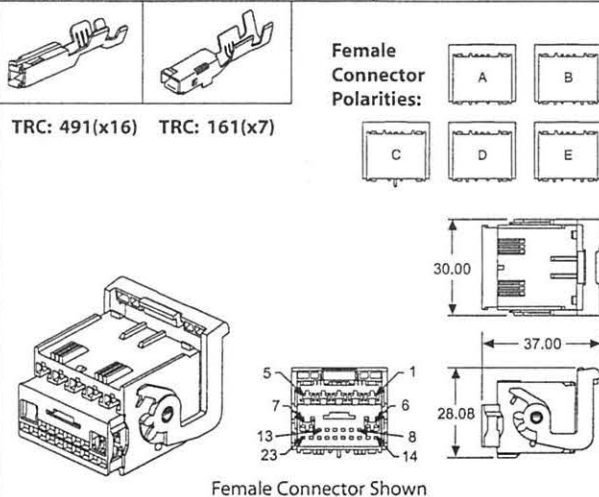
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5-2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

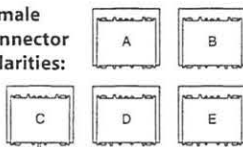


Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 23 - Way Hybrid Connector



Female  
Connector  
Polarities:



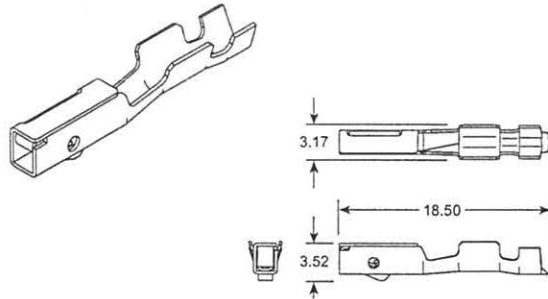
TRC: 491(x16) TRC: 161(x7)

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1S7T-14489-EA	A	Gray	Spacer PIA	40N (Lever)	Osram Sylvania	-
2	1S7T-14489-FA	B	Green	Spacer PIA	40N (Lever)	Osram Sylvania	-
3	1S7T-14489-GA	C	Blue	Spacer PIA	40N (Lever)	Osram Sylvania	-
4	1S7T-14489-HA	D	Natural	Spacer PIA	40N (Lever)	Osram Sylvania	-
5	1S7T-14489-JA	E	Brown	Spacer PIA	40N (Lever)	Osram Sylvania	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

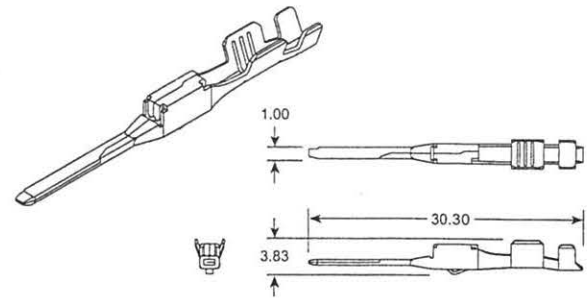
## 1.0mm Unsealed Terminals

Terminal Reference Code: 396



Female Terminal Shown

Terminal Reference Code: 458

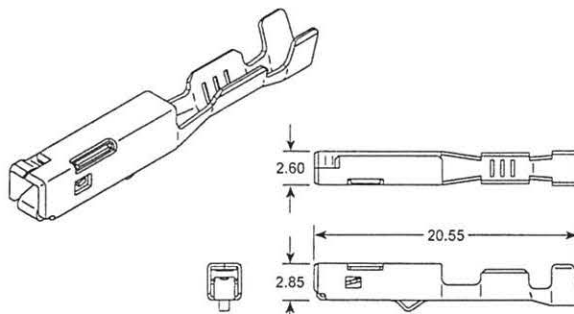


Male Terminal Shown

	Female Part Number	Plating	Supplier	Remarks	Current Rating	Wire Gages	Male Part Number
1	XW4T-14474-AA (dual beam contact)	Gold	AMP	Unsealed & Sealed	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-FA
2	XW4T-14474-CA (single beam contact)	Gold	AMP	Unsealed / Airbag Only	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-FA
3	XW4T-14474-UA (dual beam contact)	Tin	AMP	Unsealed	9.75	18~20 (.35 - 1.0mm)	XW4T-14421-BA
4	XW4T-14474-VA (dual beam contact)	Tin	AMP	Unsealed	7.5	22 (.5mm)	

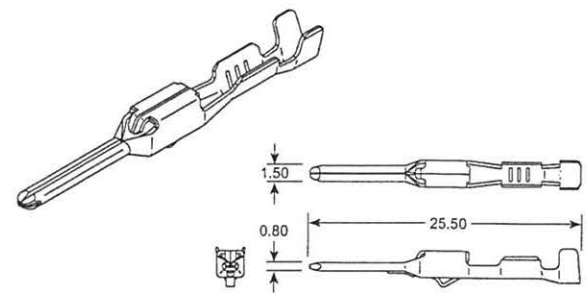
## 1.5mm Unsealed Terminals

Terminal Reference Code: 160



Female Terminal Shown

Terminal Reference Code: 112

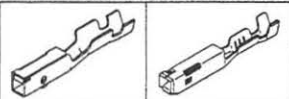


Male Terminal Shown

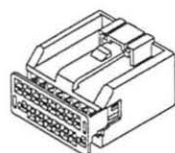
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AAB
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-ABB
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	97BG-14421-ACB
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AFA
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AGA

Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

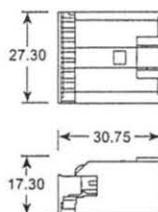
## 16 - Way Hybrid Connectors



Terminal Reference Code: 396(x14)  
Terminal Reference Code: 160(x2)



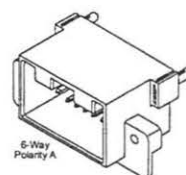
Female (Harness) Connector Shown



### Terminals P.I.A.

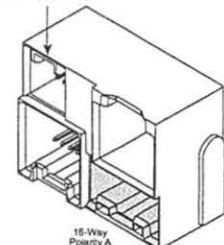
Male Hybrid (Header) Connectors Shown  
Note: Header is Black For more information see Hybrid Header Section

16-Way V (vertical)



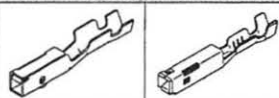
36 & 44-Way

8-Way Cavity Not Used  
in 36-Way Application



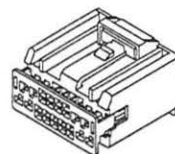
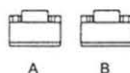
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F8OB-14A464-FA	A	Black	Spacer PIA, w/o CPA, Radio Only	74.3N	AMP	F81B-14A624-BA (16-Way)
2	F8OB-14A464-FA	A	Black	Spacer PIA, w/o CPA, Radio Only	74.3N	AMP	F8OB-14A624-CA (44-Way)
3	F8OB-14A464-FA	A	Black	Spacer PIA, w/o CPA, Radio Only	74.3N	AMP	F8AB-14A624-BA (36-Way)

## 17 - Way Hybrid Connectors

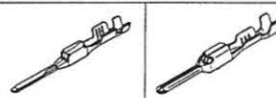
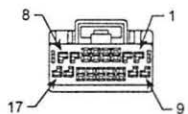


TRC: 396(x9) TRC: 160(x8)

Female Connector Polarities:

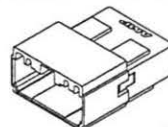
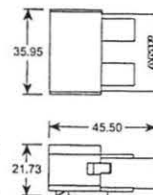


Female Hybrid Connector Shown



TRC: 458(x9) TRC: 112(x8)

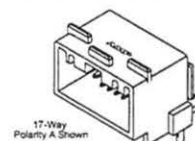
17-Way Hybrid Harness



Male (Harness) Connector Shown

### 17-Way Hybrid Header Terminals P.I.A.

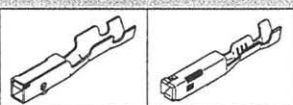
Male (Header) Connector Shown  
For more information see Header Hybrid Section



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-ZA	A	Black	Spacer PIA, w/o CPA	123N	AMP	XW4T-14A624-AKA
2	XW4T-14A464-ZA	A	Black	Spacer PIA, w/o CPA	123N	AMP	XW4T-14A624-AAA (Header)
3	XW4T-14A464-HA	B	Gray	Spacer PIA, w/o CPA	123N	AMP	XW4T-14A624-JA (Header)

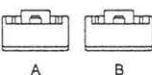
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 20 - Way Hybrid Connectors



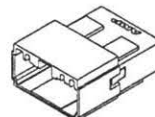
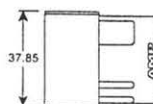
TRC: 396(x16) TRC: 160(x4)

Female  
Connector  
Polarities:



TRC: 458(x16) TRC: 112(x4)

### 20-Way Hybrid Harness

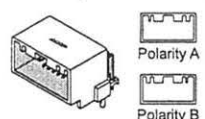


Male (Harness) Connector Shown

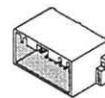
### Hybrid Headers Terminals P.I.A.

Male (Header) Connectors Shown  
For more information see Header Hybrid Section

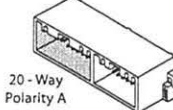
#### 20-Way (horizontal)



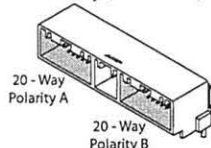
#### 20-Way V (vertical)



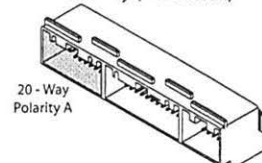
#### 36-Way V (vertical)



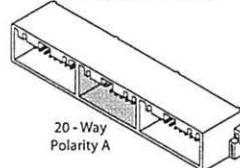
#### 48-Way (horizontal)



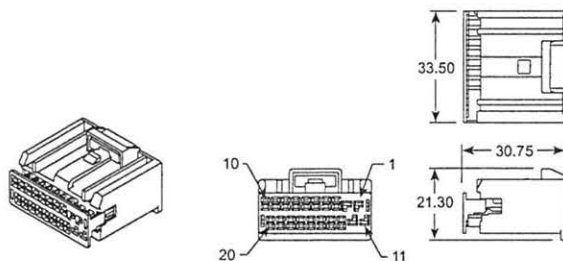
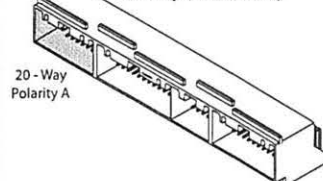
#### 58-Way (horizontal)



#### 64-Way (horizontal)



#### 80-Way (horizontal)



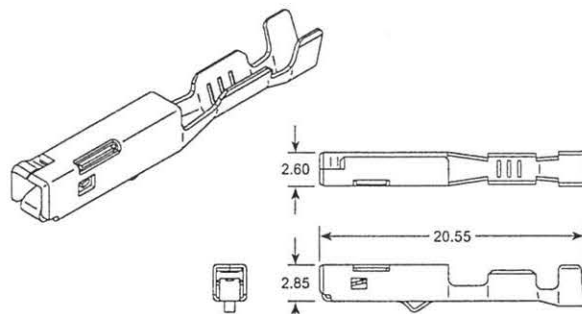
Female Hybrid (Harness) Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-AHB (Harness)
2	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-KA (20-Way)
3	1L2T-14A464-CA	B	Gray	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-LA (20-Way)
4	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	F8DB-14A624-GB (20-Way V)
5	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	F8DB-14A624-GB (20-Way V)
6	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	1L2T-14A624-BA (36-Way)
7	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	1L2T-14A624-BA (36-Way)
8	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	1L2T-14A624-AA (48-Way)
9	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	1L2T-14A624-AA (48-Way)
10	1L2T-14A464-CA	B	Gray	Spacer PIA, w/o CPA	91N	AMP	1L2T-14A624-AA (48-Way)
11	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-EA (58-Way)
12	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-EA (58-Way)
13	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-GB (64-Way)
14	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-GB (64-Way)
15	XF2T-14A464-AMA	A	Natural	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-DA (80-Way)
16	XW4T-14A464-AZA	A	Black	Spacer PIA, w/o CPA	91N	AMP	XW4T-14A624-DA(80-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

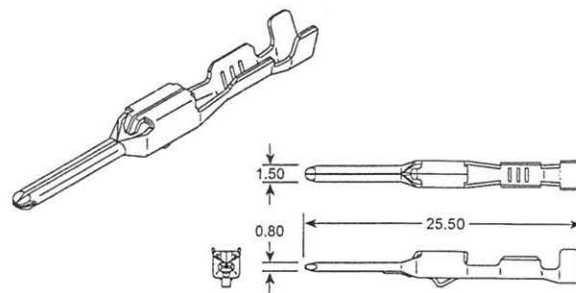
## 1.5mm Unsealed Terminals

Terminal Reference Code: 160



Female Terminal Shown

Terminal Reference Code: 112

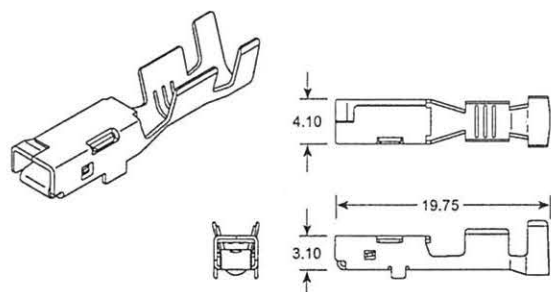


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AAB
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-ABB
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	97BG-14421-ACB
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AFA
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AGA

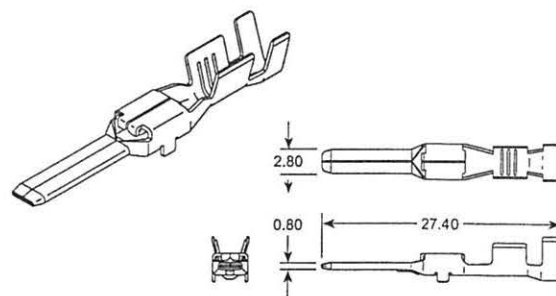
## 2.8mm Unsealed Terminals

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165

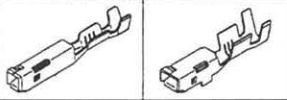
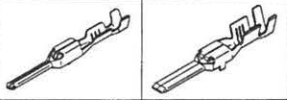
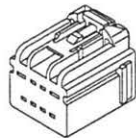
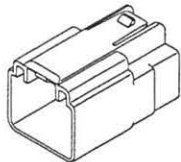
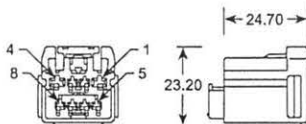
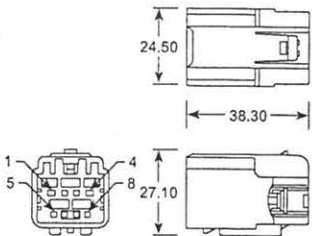


Male Terminal Shown

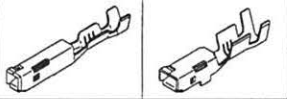
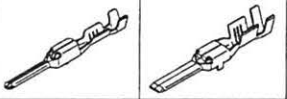
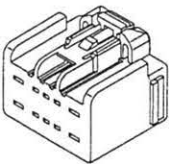
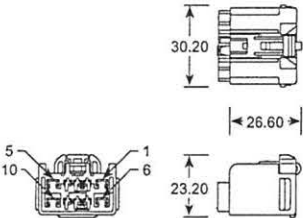
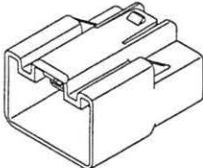
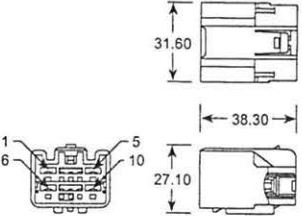
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 8 - Way Hybrid Connectors

						
Terminal Reference Code: 160(x6)	Terminal Reference Code: 161(x2)	Terminal Reference Code: 112(x6)	Terminal Reference Code: 165(x2)			
						
						
Female Hybrid Connector Shown		Male Hybrid Connector Shown				
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-YHB	A	Lt. Gray	Spacer PIA, w/o CPA	56N	Yazaki	97BG-14A459-YHB

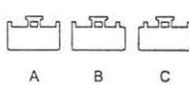
## 10 - Way Hybrid Connectors

						
Terminal Reference Code: 160(x6)	Terminal Reference Code: 161(x4)	Terminal Reference Code: 112(x6)	Terminal Reference Code: 165(x4)			
  Female Hybrid Connector Shown		  Male Hybrid Connector Shown				
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-VKB	A	Lt. Gray	Spacer PIA, w/o CPA	69N	Yazaki	97BG-14A459-VKB



Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

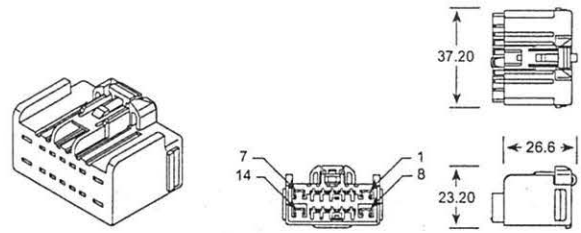
## 14 - Way Hybrid Connectors



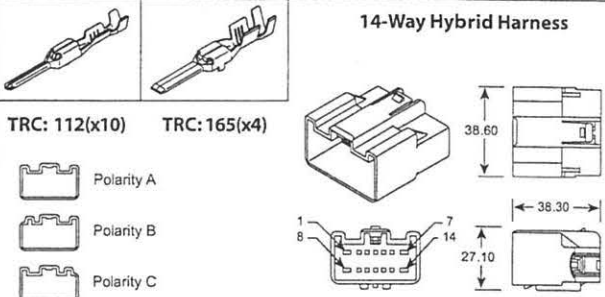
**Female Connector Polarities:**

A B C

TRC: 160(x10) TRC: 161(x4)



Female Hybrid Connector Shown



**14-Way Hybrid Harness**

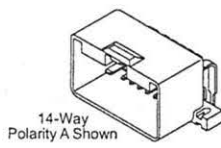
TRC: 112(x10) TRC: 165(x4)

Polarity A  
Polarity B  
Polarity C

Male (Harness) Connector Shown

14-Way Hybrid Header  
Terminals P.I.A.

Male (Header) Connector Shown  
For more information see Header Hybrid Section



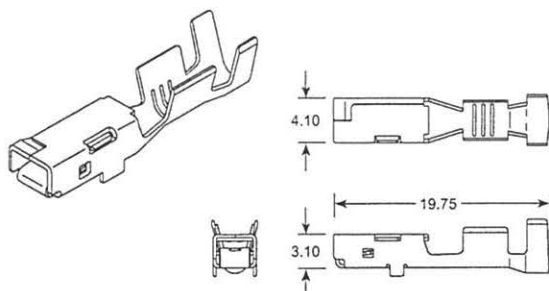
14-Way Polarity A Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-VRB	A	Lt. Gray	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-VRB
2	97BG-14489-YRB	B	Green	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-YRB
3	XS21-14489-AA	B	Black	Spacer PIA, w/o CPA	82N	Yazaki	XS21-14A459-AA
4	97BG-14489-ZRB	C	Blue	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-ZRB
5	XS21-14489-BA	C	Brown	Spacer PIA, w/o CPA	82N	Yazaki	XS21-14A459-BA
6	97BG-14489-VRB	A	Lt. Gray	Spacer PIA, w/o CPA	82N	Yazaki	F8SB-14A624-BA (Header)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

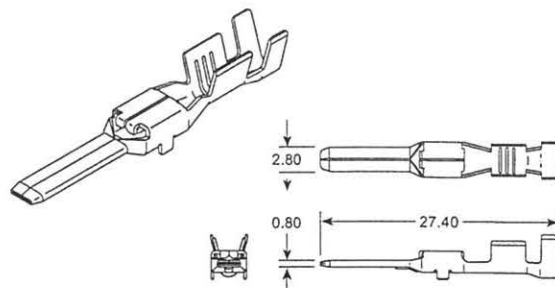
## 2.8mm Unsealed Terminals

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165

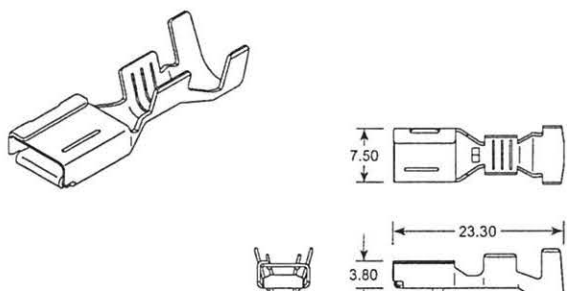


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

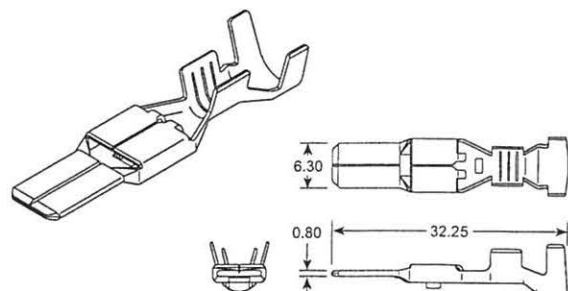
## 6.3mm Unsealed Terminals

Terminal Reference Code: 80



Female Terminal Shown

Terminal Reference Code: 65



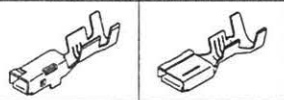
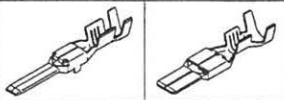
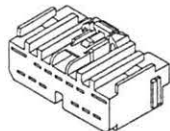
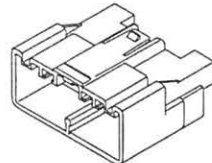

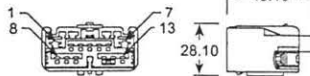
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CAA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CAA
2	97BG-14474-CBA	Tin	Yazaki	35 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-CBA
3	97BG-14474-CCA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CCA
4	XW4T-14474-TA	Tin	Yazaki	35 amps	10 (5.0mm <sup>2</sup> )	XW4T-14421-EA



Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 13 - Way Hybrid Connectors

						
Terminal Reference Code: 161(x11)	Terminal Reference Code: 80(x2)	Terminal Reference Code: 165(x11)	Terminal Reference Code: 65(x2)			
 Female Hybrid Connector Shown		 Male Hybrid Connector Shown				
						
48.80		51.20				
27.3		45.10				
23.20		28.10				
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1 97BG-14489-ZNC	A	Lt. Gray	Spacer PIA, w/o CPA	95N	Yazaki	97BG-14A459-ZNC

## 26 - Way Hybrid Connector

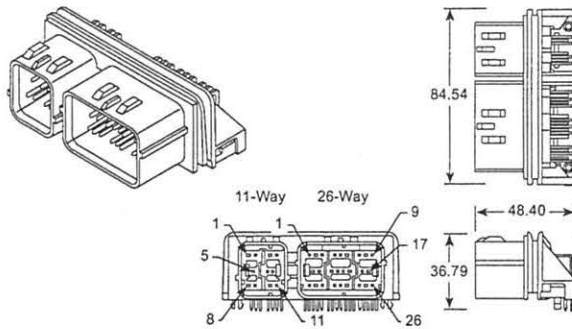
						<b>Direct Connect Only</b>
<b>Terminal Reference Code: 161(x20)</b>		<b>Terminal Reference Code: 80(x6)</b>				
<b>Female Hybrid Connector Shown</b>						
<b>Female Part Number</b>	<b>Polarity</b>	<b>Color</b>	<b>Remarks</b>	<b>Mating Force</b>	<b>Supplier</b>	<b>Male Part Number</b>
1 XW4T-14A464-BAA	A	Black	Spacer PIA	Bolted	Yazaki	-
2 XW4T-14A464-ASA	B	Lt. Gray	Spacer PIA	Bolted	Yazaki	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

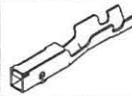
## 37 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.

Note: Header is Gray

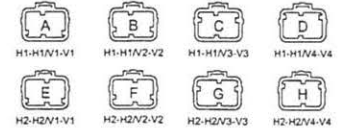


Male (Header) Connector Shown



TRC: 396

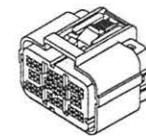
26-Way  
Connector  
Polarities:



11-Way  
Connector  
Polarities:



11-Way Reference



26-Way Reference

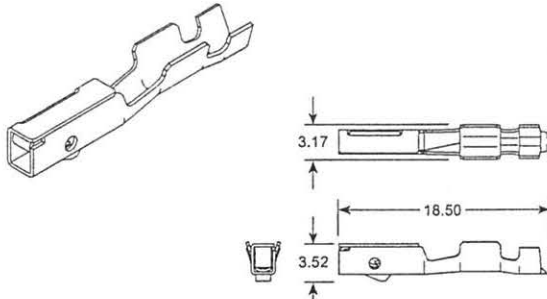
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XF2A-14A624-AA	Molex	39N	Matte Seal, CPA, Spacer PIA	Black	A	XF2A-14A464-BA (11-Way)
2	XF2A-14A624-AA	Molex	39N	Matte Seal, w/o CPA, Spacer PIA	Black	A	XL2T-14A464-DA (11-Way)
3	YF1T-14A624-AAA	Molex	39N	Matte Seal, CPA, Spacer PIA	Black	C	YF1T-14A464-AAA (11-Way)
4	XF2A-14A624-AA	Molex	73N	Matte Seal, CPA, Spacer PIA	Black	A	XF2A-14A464-AA (26-Way)
5	XF2A14A624-AA	Molex	68N	Matte Seal, w/o CPA, Spacer PIA	Black	A	XL3T-14A464-CA (26-Way)
6	YF1T-14A624-AAA	Molex	73N	Matte Seal, CPA, Spacer PIA	Black	H	YF1T-14A464-ZA (26-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 1.0mm Unsealed Terminals

Terminal Reference Code: 396



Female Terminal Shown

**Male Terminals  
PIA to Headers**

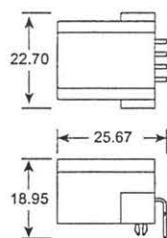
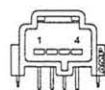
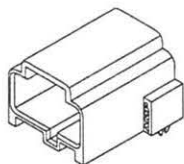
	Female Part Number	Plating	Supplier	Remarks	Current Rating	Wire Gages	Male Part Number
1	XW4T-14474-AA (dual beam contact)	Gold	AMP	Unsealed & Sealed	9.75	18~20 (.35 - 1.0mm)	-
2	XW4T-14474-CA (single beam contact)	Gold	AMP	Unsealed / Airbag Only	9.75	18~20 (.35 - 1.0mm)	-
3	XW4T-14474-UA (dual beam contact)	Tin	AMP	Unsealed	9.75	18~20 (.35 - 1.0mm)	-
4	XW4T-14474-VA (dual beam contact)	Tin	AMP	Unsealed	7.5	22 (.5mm)	-

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

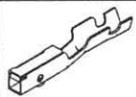
#### 4 - Way Horizontal Header Connectors

Terminals P.I.A.

Note: Header is Black

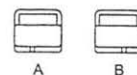


Male (Header) Connector Shown

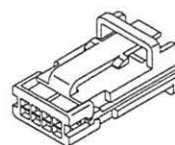


TRC: 396

Female  
Connector  
Polarities:



4-Way



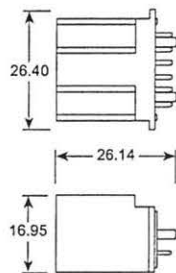
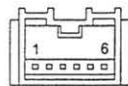
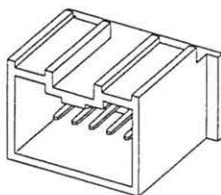
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-MA	AMP	18.4N	Spacer PIA, w/o CPA	Black	A	XF2T-14A464-AA

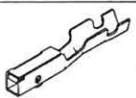
#### 6 - Way Vertical Header Connectors

Terminals P.I.A.

Note: Header is Black

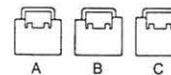


Male (Header) Connector Shown

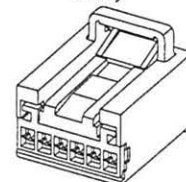


Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



6-Way



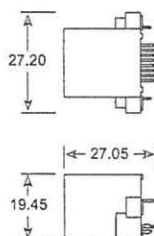
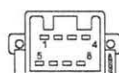
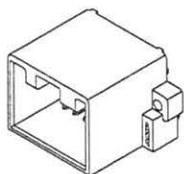
Female (Harness) Connector Shown  
For more information see Harness Section

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F8VB-14A464-AB	A	Black	Spacer PIA, w/o CPA	26N	Molex	F8VB-14A624-BB
2	XW43-14A464-AA	B	Gray	Spacer PIA, w/o CPA	30N	Molex	Not Tooled
3	XW43-14A464-BA	C	Natural	Spacer PIA, w/o CPA	32N	Molex	Not Tooled

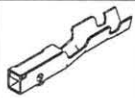
Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 8 - Way Vertical Header Connectors

Terminals P.I.A.  
Note: Header is Black

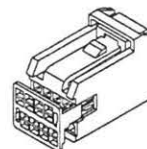


Male (Header) Connector Shown



Terminal  
Reference  
Code: 396

8-Way

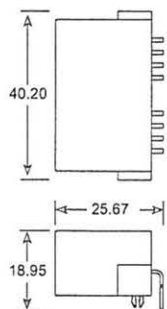
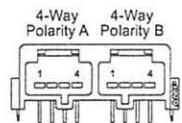
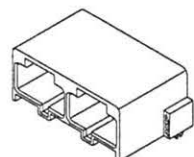


Female (Harness) Connector Shown  
For more information see Harness Section

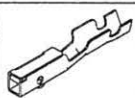
Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1L2T-14A624-CA	AMP	34N	Spacer PIA, w/o CPA	Black	A	XF2T-14A464-ANA

### 8 - Way Horizontal Header Connectors

Terminals P.I.A.  
Note: Header is Black

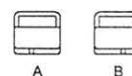


Male (Header) Connector Shown

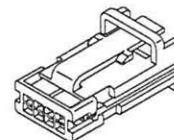


TRC: 396

Female  
Connector  
Polarities:



4-Way



Female (Harness) Connector Shown  
For more information see Harness Section

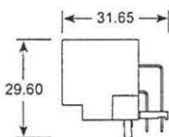
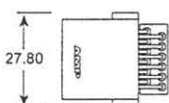
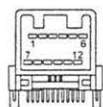
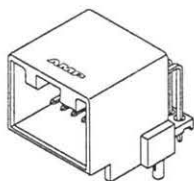
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XF2T-14A624-BA	AMP	18.4N	Spacer PIA, w/o CPA	Black	A	XF2T-14A464-AA (4-Way)
2	XF2T-14A624-BA	AMP	18.4N	Spacer PIA, w/o CPA	Gray	B	XF2T-14A464-BA (4-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

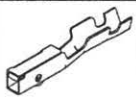
### 12 - Way Horizontal Header Connectors

Terminals P.I.A.

Note: Header is Black

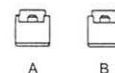


Male (Header) Connector Shown

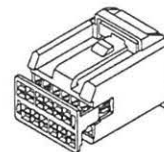


Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



12-Way



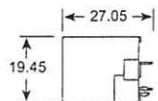
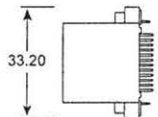
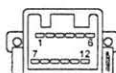
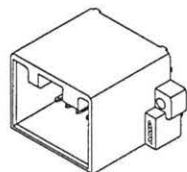
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XF2T-14A624-AA	AMP	52.8N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AYA (12-Way)

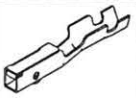
### 12 - Way Vertical Header Connectors

Terminals P.I.A.

Note: Header is Black



Male (Header) Connector Shown

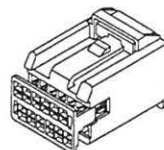


Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



12-Way



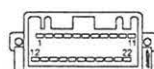
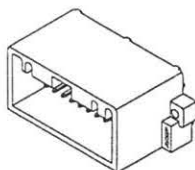
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XR3T-14A624-DA	AMP	52.8N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AYA (12-Way)

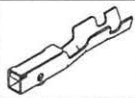
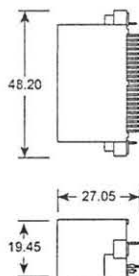
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

## 22 - Way Vertical Header Connectors

Terminals P.I.A.  
Note: Header is Black

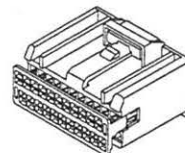


Male (Header) Connector Shown



Terminal  
Reference  
Code: 396

22-Way

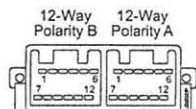
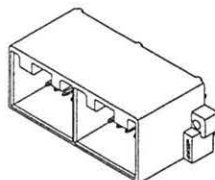


Female (Harness) Connector Shown  
For more information see Harness Section

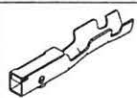
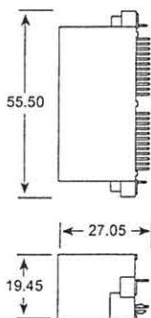
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-CA	AMP	88N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-LA (Harness)

## 24 - Way Vertical Header Connectors

Terminals P.I.A.  
Note: Header is Black

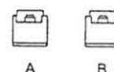


Male (Header) Connector Shown

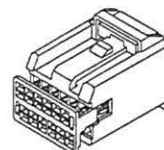


Terminal  
Reference  
Code: 396

Female  
Connector  
Polarities:



12-Way



Female (Harness) Connector Shown  
For more information see Harness Section

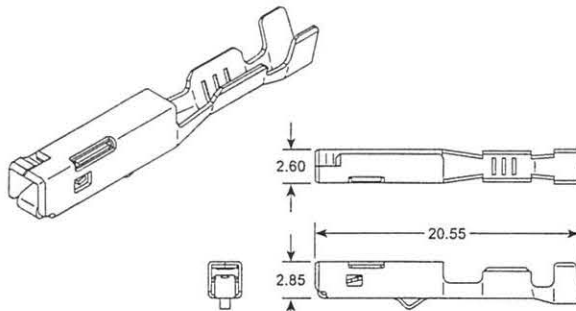
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	F8VB-14A624-AB	AMP	52.8N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AYA (12-Way)
2	F8VB-14A624-AB	AMP	52.8N	Spacer PIA, w/o CPA	Gray	B	F8VB-14A464-BB (12-Way)



Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 1.5mm Unsealed Terminals

Terminal Reference Code: 160



Female Terminal Shown

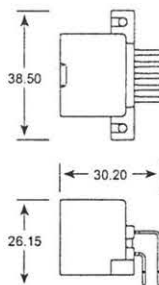
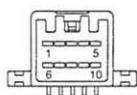
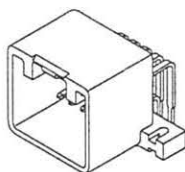
### Male Terminals PIA to Headers

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	-
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-

Note: For Approved inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 10 - Way Horizontal Header Connectors

Terminals P.I.A.  
Note: Header is Lt. Gray

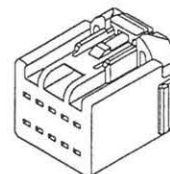


Male (Header) Connector Shown



Terminal  
Reference  
Code: 160

10-Way

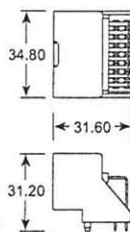
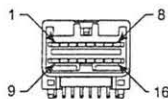
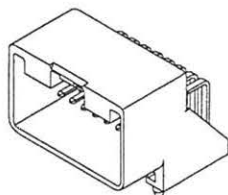


Female (Harness) Connector Shown  
For more information see Harness Section

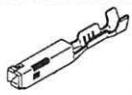
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-AFA	Yazaki	48N	Spacer PIA, w/o CPA	Lt. Gray	A	97BG-14489-YKB (Harness)

### 16 - Way Horizontal Header Connectors

Terminals P.I.A.  
Note: Header is Green

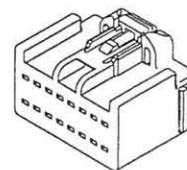


Male (Header) Connector Shown



Terminal  
Reference  
Code: 160

16-Way



Female (Harness) Connector Shown  
For more information see Harness Section

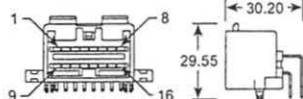
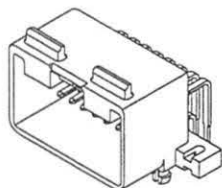
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-UA	Yazaki	80N	Spacer PIA, w/o CPA	Green	A	97BG-14489-YTB (Harness)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

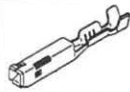
### 16 - Way Horizontal Header Connectors

Terminals P.I.A.

Note: Header is Green

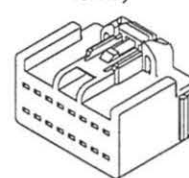


Male (Header) Connector Shown



Terminal  
Reference  
Code: 160

16-Way



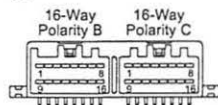
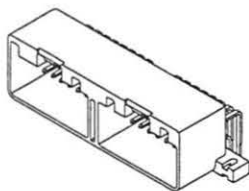
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-CA	Yazaki	80N	Spacer PIA, w/o CPA	Green	A	97BG-14489-YTB (Harness)

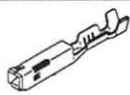
### 32 - Way Horizontal Header Connectors

Terminals P.I.A.

Note: Header is Gray

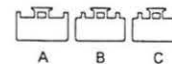


Male (Header) Connector Shown

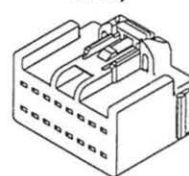


Terminal  
Reference  
Code: 160

Female  
Connector  
Polarities:



16-Way



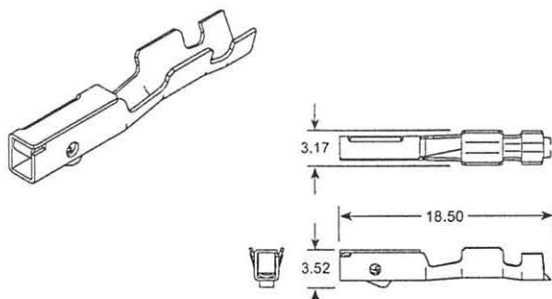
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XR8T-14A624-AA	Yazaki	80N	Spacer PIA, w/o CPA	Blue	B	97BG-14489-ZTB (Harness)
2	XR8T-14A624-AA	Yazaki	80N	Spacer PIA, w/o CPA	Lt. Gray	C	97BG-14489-VTB (Harness)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 1.0mm Unsealed Terminals

Terminal Reference Code: 396



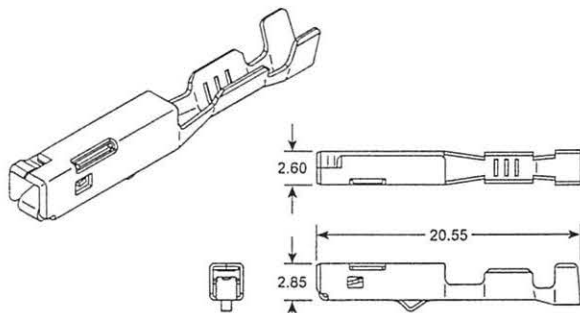
Female Terminal Shown

**Male Terminals  
PIA to Headers**

	Female Part Number	Plating	Supplier	Remarks	Current Rating	Wire Gages	Male Part Number
1	XW4T-14474-AA (dual beam contact)	Gold	AMP	Unsealed & Sealed	9.75	18~20 (.35 - 1.0mm)	-
2	XW4T-14474-CA (single beam contact)	Gold	AMP	Unsealed / Airbag Only	9.75	18~20 (.35 - 1.0mm)	-
3	XW4T-14474-UA (dual beam contact)	Tin	AMP	Unsealed	9.75	18~20 (.35 - 1.0mm)	-
4	XW4T-14474-VA (dual beam contact)	Tin	AMP	Unsealed	7.5	22 (.5mm)	-

### 1.5mm Unsealed Terminals

Terminal Reference Code: 160



Female Terminal Shown

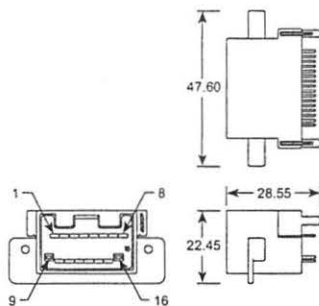
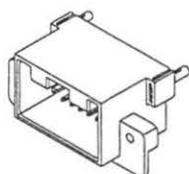
**Male Terminals  
PIA to Headers**

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	-
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-

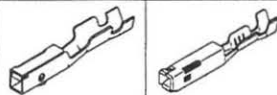
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 16 - Way Vertical Hybrid Header Connectors

Terminals P.I.A.  
Note: Header is Black

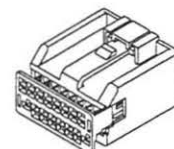


Male (Header) Connector Shown



TRC: 396(x14) TRC: 160(x2)

16-Way

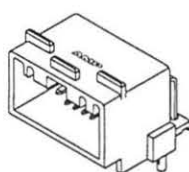


Female (Harness) Connector Shown  
For more information see Harness Section

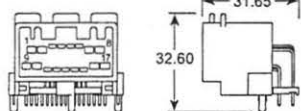
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	F81B-14A624-BA	AMP	74.3N	Spacer PIA, w/o CPA, Radio Only	Black	A	F80B-14A464-FA (Harness)

### 17 - Way Horizontal Hybrid Header Connectors

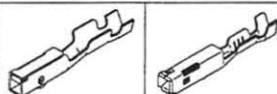
Terminals P.I.A.  
Note: Header is Black



Female  
Connector  
Polarities:

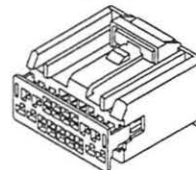


Male (Header) Connector Shown



TRC: 396(x14) TRC: 160(x2)

16-Way



Female (Harness) Connector Shown  
For more information see Harness Section

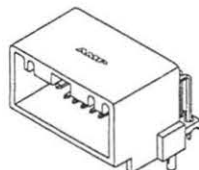
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-AAA	AMP	123N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-ZA (Harness)
2	XW4T-14A624-JA	AMP	123N	Spacer PIA, w/o CPA	Gray	B	XW4T-14A464-HA (Harness)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

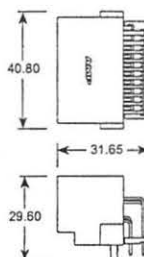
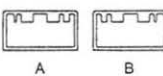
### 20 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.

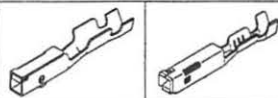
Note: Header is Black



Female  
Connector  
Polarities:

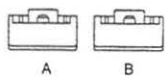


Male Hybrid (Header) Connector Shown

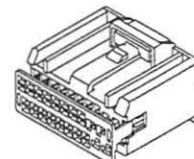


TRC: 396(x16) TRC: 160(x4)

Female  
Connector  
Polarities:



20-Way



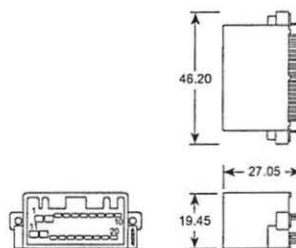
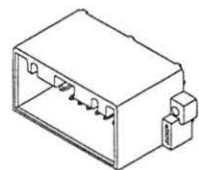
Female (Harness) Connector Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-KA	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (Harness)
2	XW4T-14A624-LA	AMP	91N	Spacer PIA, w/o CPA	Gray	B	1L2T-14A464-CA (Harness)
3	XW4T-14A624-KA	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (Harness)

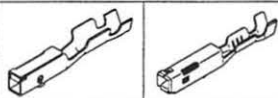
### 20 - Way Vertical Hybrid Header Connectors

Terminals P.I.A.

Note: Header is Black

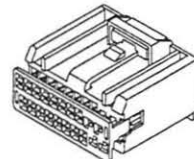


Male Hybrid (Header) Connector Shown



TRC: 396(x16) TRC: 160(x4)

20-Way



Female (Harness) Connector Shown  
For more information see Harness Section

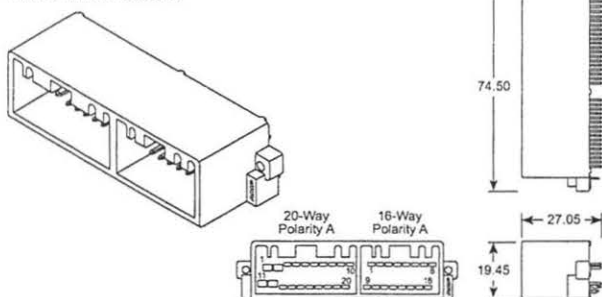
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	F8DB-14A624-GB	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (Harness)
2	F8DB-14A624-GB	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (Harness)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

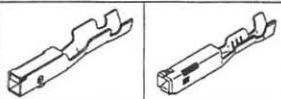
### 36 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.

Note: Header is Black



Male Hybrid (Header) Connector Shown

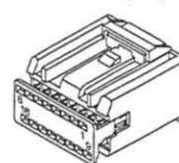
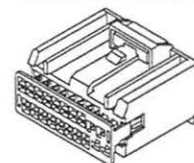


TRC: 396

TRC: 160

20-Way Hybrid Reference  
TRC: 396 (x16), 160 (x4)

16-Way Reference  
TRC: 396 (x16)



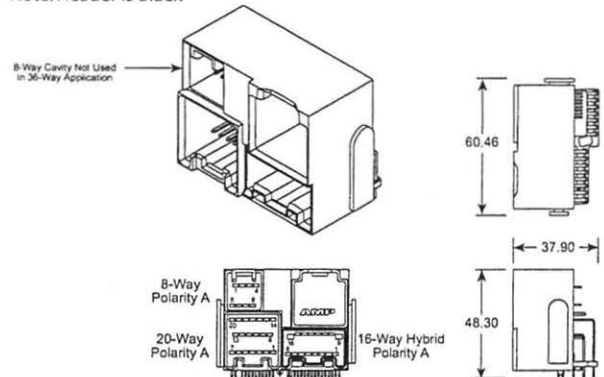
Female (Harness) Connectors Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	1L2T-14A624-BA	AMP	65N	Spacer PIA, w/o CPA	Black	A	1L2T-14A464-EA (16-way)
2	1L2T-14A624-BA	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (20-Way)
3	1L2T-14A624-BA	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (20-Way)

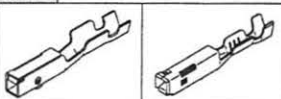
### 36 & 44 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.

Note: Header is Black



Male Hybrid (Header) Connector Shown



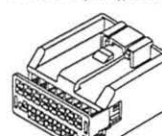
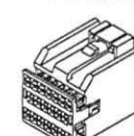
TRC: 396

TRC: 160

8-Way Reference  
TRC: 396 (x8)

20-Way Reference  
TRC: 396 (x20)

16-Way Hybrid Reference  
TRC: 396 (x14), 160 (x2)



Female (Harness) Connectors Shown  
For more information see Harness Section

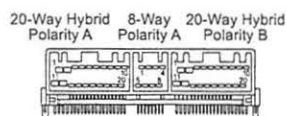
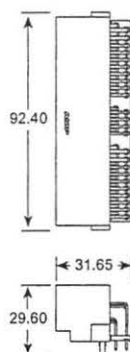
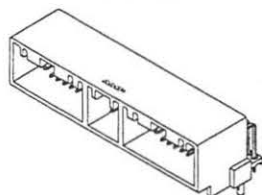
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	F8OB-14A624-CA (44-Way)	AMP	35N	Spacer PIA, w/o CPA, Radio Only	Black	A	F8OB-14A464-GA (8-Way)
2	F8OB-14A624-CA (44-Way)	AMP	74.3N	Spacer PIA, w/o CPA, Radio Only	Black	A	F8OB-14A464-FA (16-Way)
3	F8OB-14A624-CA (44-Way)	AMP	76.9N	Spacer PIA, w/o CPA, Radio Only	Black	A	F8OB-14A464-DA (20-Way)
4	F8AB-14A624-BA (36-Way)	AMP	74.3N	Spacer PIA, w/o CPA, Radio Only	Black	A	F8OB-14A464-FA (16-Way)
5	F8AB-14A624-BA (36-Way)	AMP	76.9N	Spacer PIA, w/o CPA, Radio Only	Black	A	F8OB-14A464-DA (20-Way)



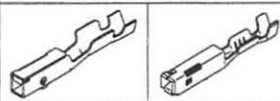
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 48 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.  
Note: Header is Black



Male Hybrid (Header) Connector Shown



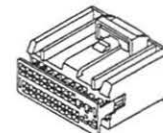
TRC: 396

TRC: 160

8-Way Reference  
TRC: 396 (x8)



20-Way Hybrid Reference  
TRC: 396 (x16), 160 (x4)

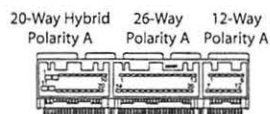
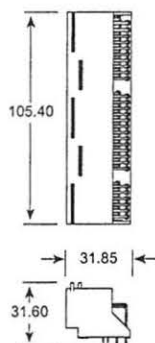
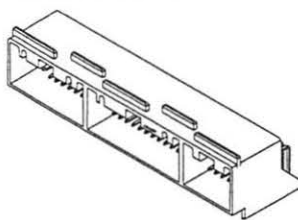


Female (Harness) Connectors Shown  
For more information see Harness Section

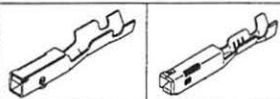
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	1L2T-14A624-AA	AMP	34N	Spacer PIA, w/o CPA	Black	A	XF2T-14A464-ANA (8-Way)
2	1L2T-14A624-AA	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (20-Way)
3	1L2T-14A624-AA	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (20-Way)
4	1L2T-14A624-AA	AMP	91N	Spacer PIA, w/o CPA	Gray	B	1L2T-14A464-CA (20-Way)

### 58 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.  
Note: Header is Black



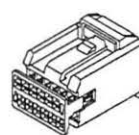
Male Hybrid (Header) Connector Shown



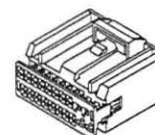
TRC: 396

TRC: 160

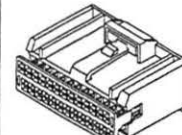
12-Way Reference  
TRC: 396 (x12)



20-Way Hybrid Reference  
TRC: 396 (x16), 160 (x4)



26-Way Reference  
TRC: 396 (x26)



Female (Harness) Connectors Shown  
For more information see Harness Section

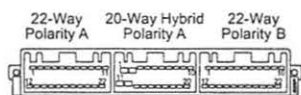
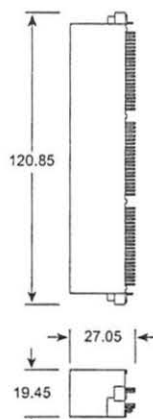
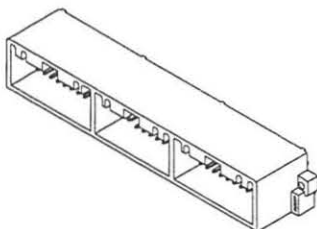
	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-EA	AMP	52.8N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AYA (12-Way)
2	XW4T-14A624-EA	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (20-Way)
3	XW4T-14A624-EA	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (20-Way)
4	XW4T-14A624-EA	AMP	97N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-JA (26-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

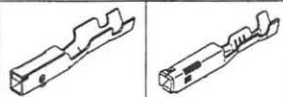
### 64 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.

Note: Header is Black



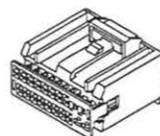
Male Hybrid (Header) Connector Shown



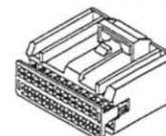
TRC: 396

TRC: 160

20-Way Hybrid Reference  
TRC: 396 (x16), 160 (x4)



22-Way Reference (x2)  
TRC: 396 (x12)



Polarity A



Polarity B

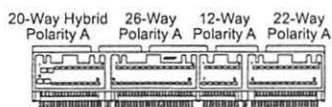
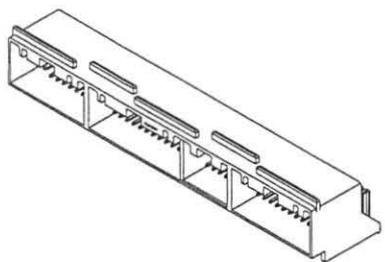
Female (Harness) Connectors Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-GB	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (20-Way)
2	XW4T-14A624-GB	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (20-Way)
3	XW4T-14A624-GB	AMP	52.8N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-LA (22-Way)
4	XW4T-14A624-GB	AMP	52.8N	Spacer PIA, w/o CPA	Gray	B	XW4T-14A464-AMA (22-Way)

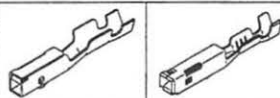
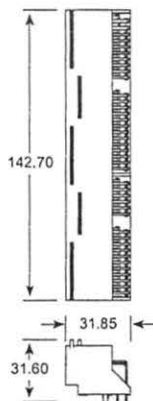
Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 80 - Way Horizontal Hybrid Header Connectors

Terminals P.I.A.



Male Hybrid (Header) Connector Shown



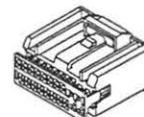
TRC: 396

TRC: 160

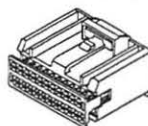
12-Way Reference  
TRC: 396 (x12)



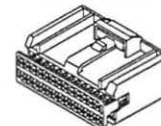
20-Way Hybrid Reference  
TRC: 396 (x16), 160 (x4)



22-Way Reference  
TRC: 396 (x22)



26-Way Reference  
TRC: 396 (x26)



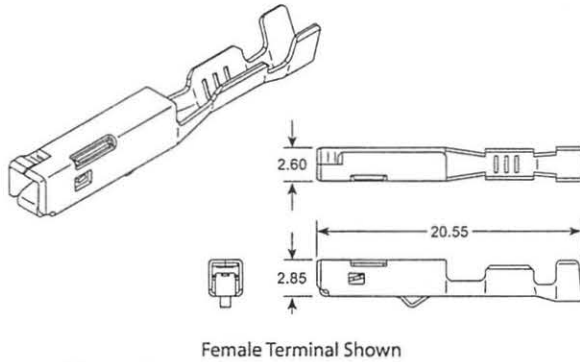
Female (Harness) Connectors Shown  
For more information see Harness Section

	Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
1	XW4T-14A624-DA	AMP	88N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AYA (12-Way)
2	XW4T-14A624-DA	AMP	91N	Spacer PIA, w/o CPA	Natural	A	XF2T-14A464-AMA (20-Way)
3	XW4T-14A624-DA	AMP	91N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-AZA (20-Way)
4	XW4T-14A624-DA	AMP	88N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-LA (22-Way)
5	XW4T-14A624-DA	AMP	97N	Spacer PIA, w/o CPA	Black	A	XW4T-14A464-JA (26-Way)

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

### 1.5mm Unsealed Terminals

Terminal Reference Code: 160

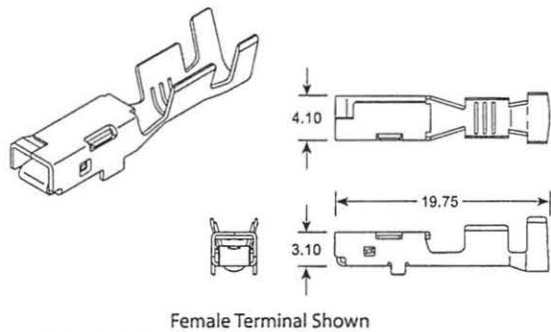


**Male Terminals  
PIA to Headers**

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	-
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	-
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	-

### 2.8mm Unsealed Terminals

Terminal Reference Code: 161



**Male Terminals  
PIA to Headers**

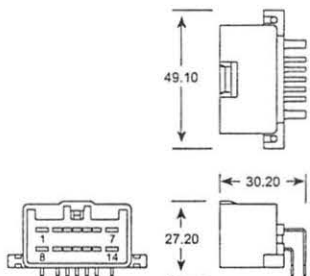
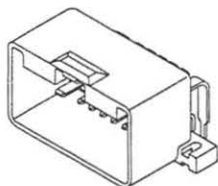
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5-2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

Note: For **Approved** inline connector applications see Preferred Inline Connector Systems section of this catalog.

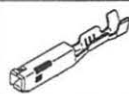
### 14 - Way Horizontal Hybrid Header Connectors

#### Terminals P.I.A.

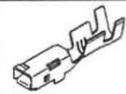
Note: Header is Lt. Gray



Male Hybrid (Header) Connector Shown

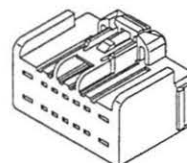


TRC: 160



TRC: 161

14-Way

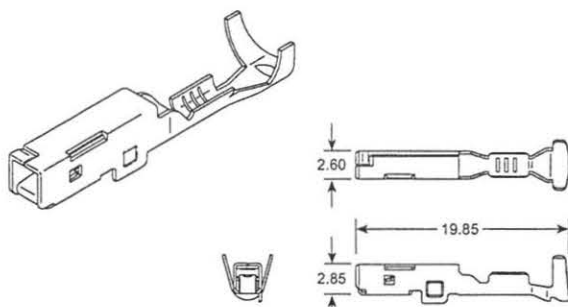


Female (Harness) Connector Shown  
For more information see Harness Hybrid Section

Male Part Number	Supplier	Mating Force	Remarks	Color	Polarity	Female Part Number
F8SB-14A624-BA	Yazaki	82N	Spacer PIA, w/o CPA	Lt. Gray	A	97BG-14489-VRB

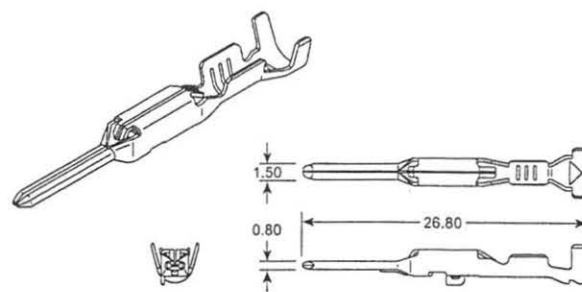
## 1.5mm Sealed Terminals

Terminal Reference Code: 116



Female Terminal Shown

Terminal Reference Code: 166

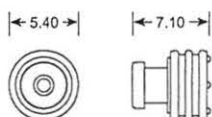


Male Terminal Shown

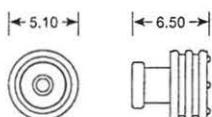
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-ADA	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-ADA
2	97BG-14474-AEA	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AEA
3	97BG-14474-AKA	Tin	Yazaki	15 amps	14 (1.5mm <sup>2</sup> )	-
4	97BG-14474-AHA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AHA
5	97BG-14474-AJA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AJA

## Wire Seals/Cavity Plugs

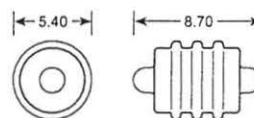
Wire Seal A



Wire Seal B



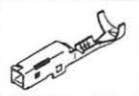
Wire Seal Shown



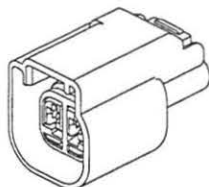
Un-Used Cavity Plug

	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-AA	Wire Seal A	Red	ESB-M1L123-A	Yazaki	ø 1.19 ~ 1.65
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-BA	Wire Seal A	Blue	ESB-M1L123-A	Yazaki	ø 1.6 ~ 2.34
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	XW4T-14603-MA	Wire Seal A	Lt. Gray	ESB-M1L123-A	Yazaki	ø 2.34 ~ 2.69
				WSS-M1L135-A1	Yazaki	
4	97BG-10C930-SBA	Wire Seal B	Pink	-	AFL	ø 1.19 ~ 1.65
5	XW43-1603-AA	Wire Seal B	Green	-	AFL	ø 1.60 ~ 2.10
6	XW4T-14603-FA	Wire Seal B	Yellow	-	AFL	ø 2.10 ~ 2.50
7	97BG-10C930-DA	Cavity Plug	Green	N/A	Yazaki	N/A

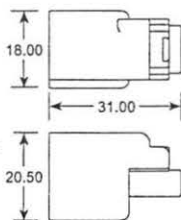
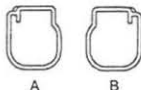
## 2 - Way Connectors



Terminal  
Reference  
Code: 116



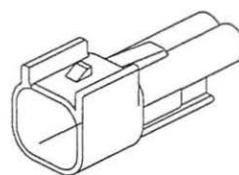
Female  
Connector  
Polarities:



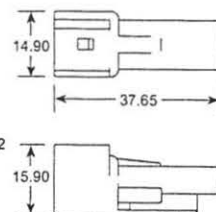
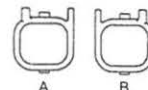
Female Connector Shown



Terminal  
Reference  
Code: 166



Male  
Connector  
Polarities:



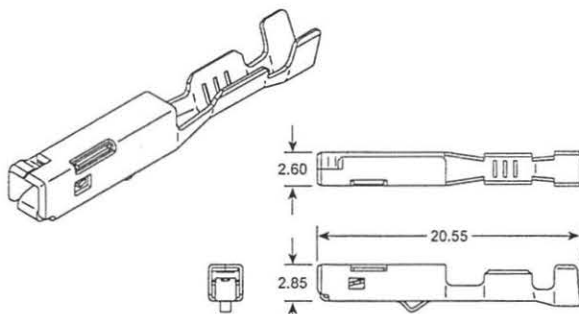
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	YF1T-14A464-FA	A	Black	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-CA
2	YF1T-14A464-GA	B	Black	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-DA
3	YF1T-14A464-TA	A	Gray	Spacer PIA, w/o CPA	21N	AFL	YF1T-14A624-CA
4	YF1T-14A464-MA	C	Green	Spacer PIA, w/o CPA	21N	AFL	-



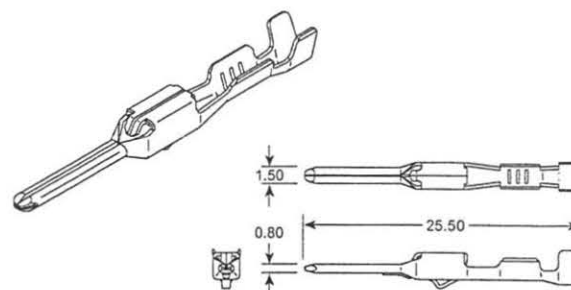
**1.5mm Unsealed Terminals**

Terminal Reference Code: 160



Female Terminal Shown

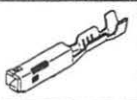
Terminal Reference Code: 112



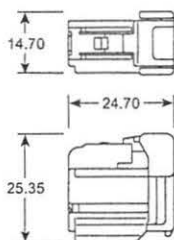
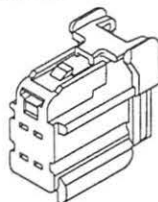
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AAB
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-ABB
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	97BG-14421-ACB
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AFA
5	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AGA

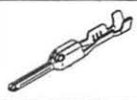
## 4 - Way Connectors



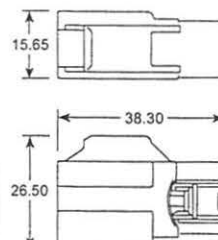
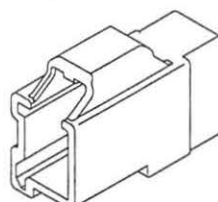
Terminal  
Reference  
Code: 160



Female Connector Shown



Terminal  
Reference  
Code: 112



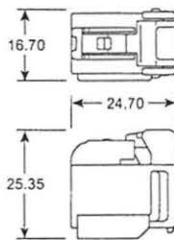
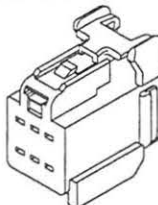
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YDB	A	Lt. Gray	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-YDB
2	97BG-14489-ADB	A	Yellow	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-ADB

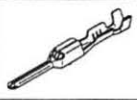
## 6 - Way Connectors



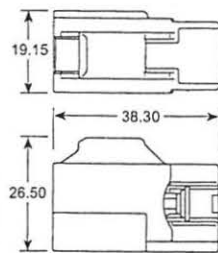
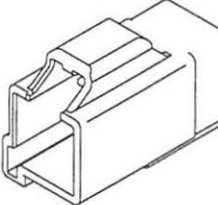
Terminal  
Reference  
Code: 160



Female Connector Shown



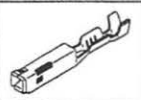
Terminal  
Reference  
Code: 112



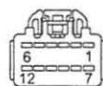
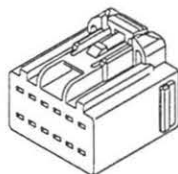
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YFB	A	Lt. Gray	Spacer PIA, w/o CPA	35N	Yazaki	97BG-14A459-YFB

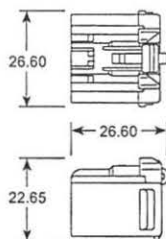
## 12 - Way Connectors



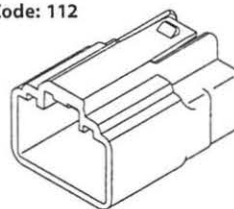
Terminal  
Reference  
Code: 160



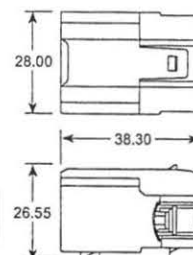
Female Connector Shown



Terminal  
Reference  
Code: 112



Male Connector Shown

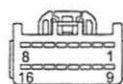
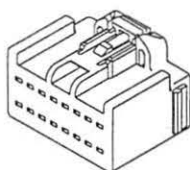


Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-YMB	A	Lt. Gray	Spacer PIA, w/o CPA	59N	Yazaki	97BG-14A459-YMB

## 16 - Way Connectors

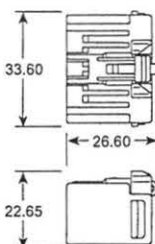
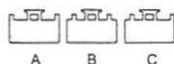


Terminal  
Reference  
Code: 160



Female Connector Shown

Female  
Connector  
Polarities:



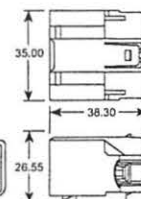
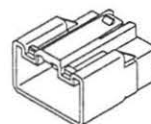
Terminal  
Reference  
Code: 112

Polarities:

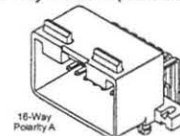


Male (Harness) Connector Shown

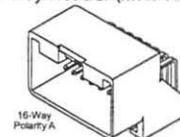
16-Way Harness



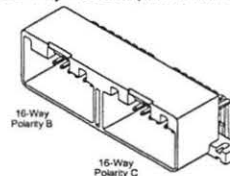
16-Way Header (XW4T-14A624-CA)



16-Way Header (XW4T-14A624-UA)



32-Way Header (XR8T-14A624-AA)

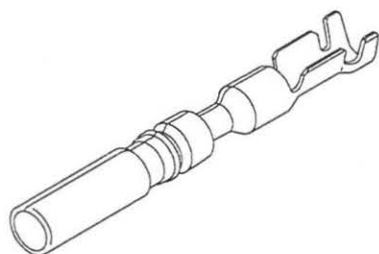


Male (Header) Connectors Shown  
For more information see Header Section

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-YTB
2	97BG-14489-ZTB	B	Blue	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-ZTB
3	97BG-14489-VTB	C	Lt. Gray	Spacer PIA, w/o CPA	80N	Yazaki	97BG-14A459-VTB
4	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	86N	Yazaki	XW4T-14A624-CA (16-Way Header)
5	97BG-14489-YTB	A	Green	Spacer PIA, w/o CPA	88N	Yazaki	XW4T-14A624-UA (16-Way Header)
6	97BG-14489-ZTB	B	Blue	Spacer PIA, w/o CPA	80N	Yazaki	XR8T-14A624-AA (32-Way Header)
7	97BG-14489-VTB	C	Lt. Gray	Spacer PIA, w/o CPA	80N	Yazaki	XR8T-14A624-AA (32-Way Header)

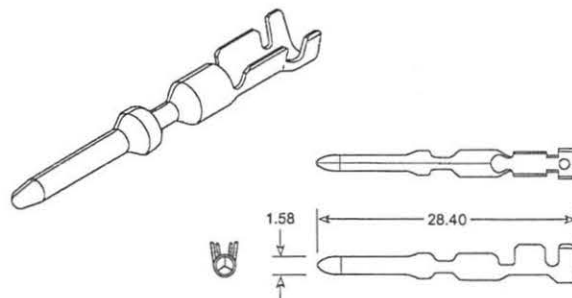
## 1.6mm Pin Terminals

Terminal Reference Code: 237



Female Terminal Shown

Terminal Reference Code: 22

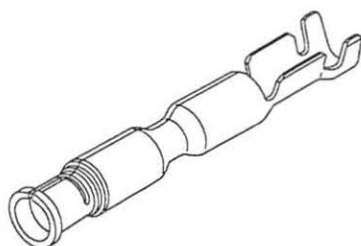


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	F85B-14487-AA	Tin	Cardell	15 amps	18 - 20 (.75 - .5mm) Tin Wire	1L2T-14461-AA
2	E65B-14487-AA	Tin	Cardell	15 amps	22 (.25mm)	E7FB-14461-BA
3	E7EB-14487-AA	Tin	Cardell	15 amps	18 - 20 (.75 - .5mm)	E7EB-14461-BA
4	F2UB-14487-AA	Tin	Cardell	22 amps	14 - 16 (2.0 - 1.0mm)	F2UB-14461-AA
5	F67B-14487-AA	Gold	Cardell	15 amps	18 - 20 (.75 - .5mm)	F67B-14461-AA
6	F67B-14487-BA	Gold	Cardell	15 amps	14 - 16 (2.0 - 1.0mm)	F67B-14461-CA
7	F67B-14487-CA	Gold	Cardell	15 amps	22 (.25mm)	F67B-14461-BA

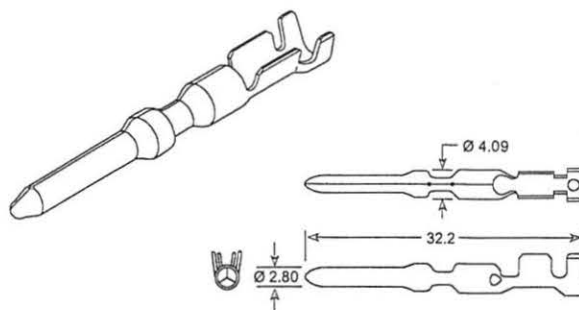
## 2.8mm Pin Terminals - For Hybrid Applications

Terminal Reference Code: 8



Female Terminal Shown

Terminal Reference Code: 6

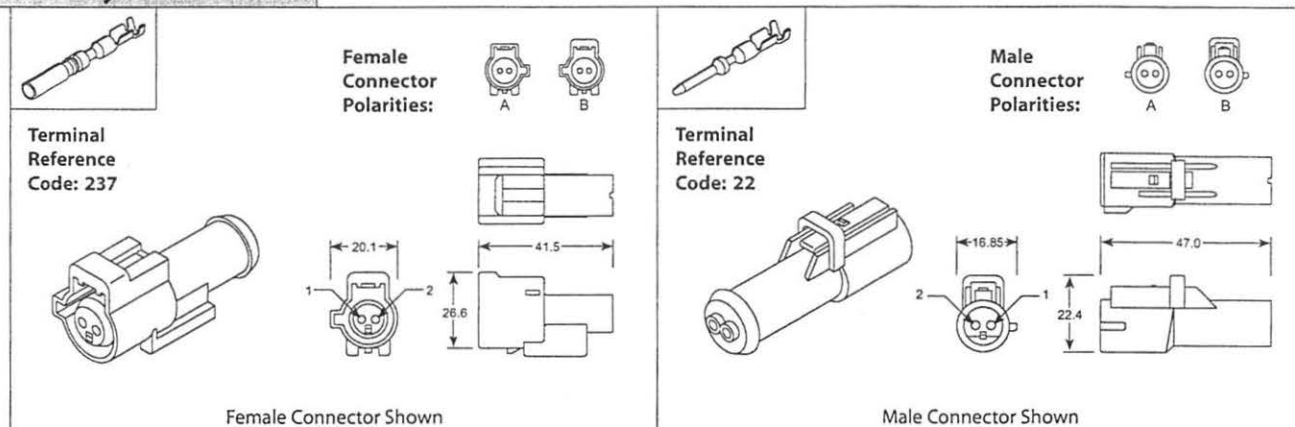


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	*F6DB-14487-AA	Tin	Cardell	40 amps	10 - 12 (6.0 - 4.0mm)	F6DB-14461-BA
2	*F6DB-14487-BA	Tin	Cardell	22 amps	14 - 16 (2.0 - 1.0mm)	F6DB-14461-CA
3	*F6DB-14487-CA	Tin	Cardell	12 amps	18 - 20 (.75 - .5mm)	F6DB-14461-DA

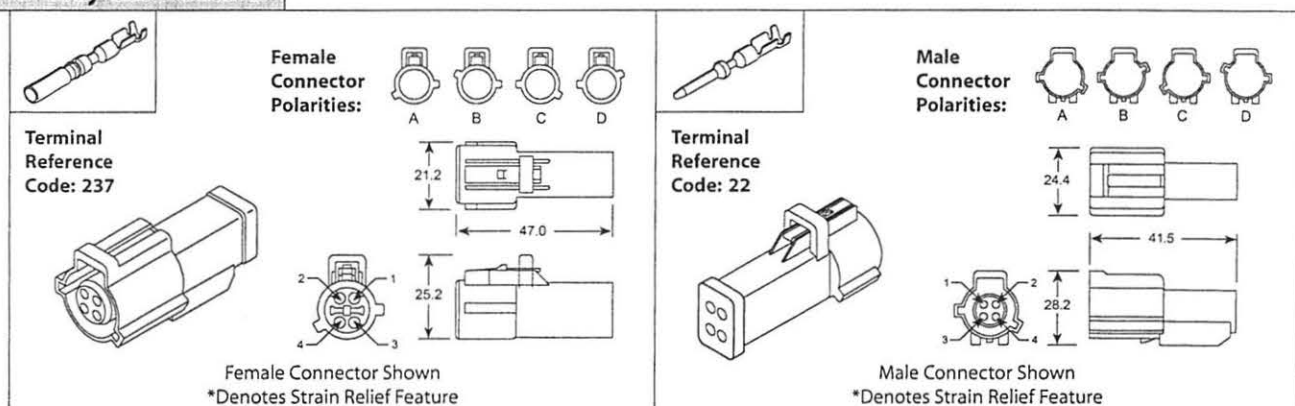
\* Grease Filled Terminal

## 2 - Way Connectors




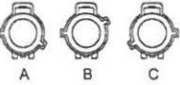

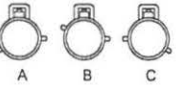
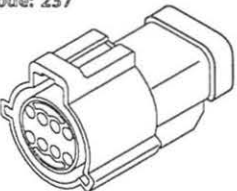
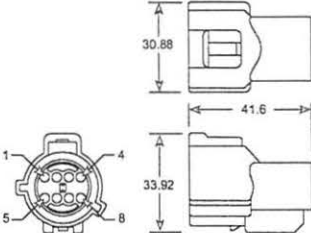
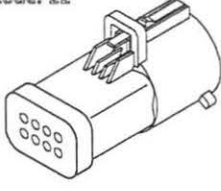
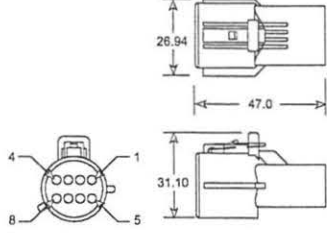
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XW4T-14A464-AUA	A	Black	with retainer feature		AFL	XW4T-14A624-AA
2	XW4T-14A464-BA	B	Natural			AFL	1F1T-14A624-HA
3	F808-14A464-MA	A	Black	w/o retainer feature		AFL	XW4T-14A624-AA

## 4 - Way Connectors



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	1F1T-14A464-FA	A				AFL	1F1T-14A624-DA
2	1F1T-14A464- GA	B				AFL	1F1T-14A624- EA
3	1F1T-14A464- HA	C				AFL	1F1T-14A624- FA
4	1F1T-14A464- JA	D				AFL	1F1T-14A624- GA

## 8 - Way Connectors

 <b>Terminal Reference Code: 237</b>		<b>Female Connector Polarities:</b> 		 <b>Terminal Reference Code: 22</b>		<b>Male Connector Polarities:</b> 	
							
		Female Connector Shown				Male Connector Shown	
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
1 1F1T-14A464-CA	A				AFL	1F1T-14A624-CA	
2 1F1T-14A464-DA	B				AFL	1F1T-14A624-BA	
3 1F1T-14A464-EA	C				AFL	1F1T-14A624-AA	

## 12 - Way Hybrid Connectors

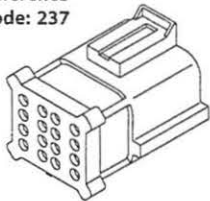
				<b>Female Connector Polarities:</b>  A  B						<b>Male Connector Polarities:</b>  A  B	
<b>Terminal Reference Code: 237(8x)</b>		<b>Terminal Reference Code: 8(4x)</b>				<b>Terminal Reference Code: 22(8x)</b>		<b>Terminal Reference Code: 6(4x)</b>			
		<b>Female Connector Shown</b>						<b>Male Connector Reference</b>			
<b>Female Part Number</b>	<b>Polarity</b>	<b>Color</b>	<b>Remarks</b>			<b>Mating Force</b>		<b>Supplier</b>		<b>Male Part Number</b>	
1 F75B-14A464-MA	A	Black						AFL		F75B-14A624-BA	
2 F81B-14A464-NA	B	Gray						AFL		F81B-14A624-HA	



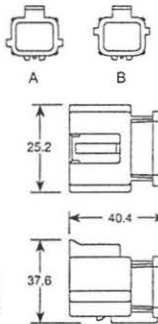
## 16 - Way Connectors



Terminal  
Reference  
Code: 237



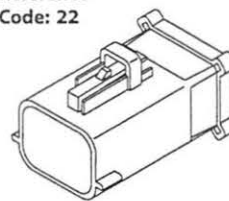
Female  
Connector  
Polarities:



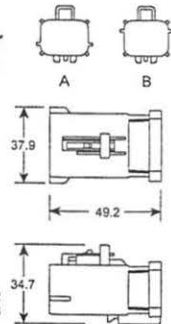
Female Connector Shown



Terminal  
Reference  
Code: 22



Male  
Connector  
Polarities:



Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	F2AB-14A464-AA	A	Black			AFL	F2AB-14A624-AA
2	F2AB-14A464-BA	B	Gray			AFL	F2AB-14A624-BA

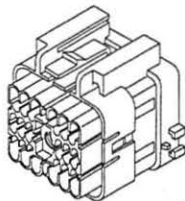
## 38 - Way Connectors



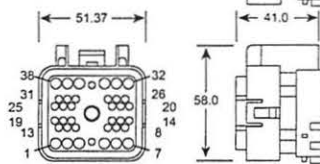
Terminal  
Reference  
Code: 237(26x)



Terminal  
Reference  
Code: 8(12x)



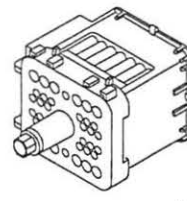
Female Connector Shown



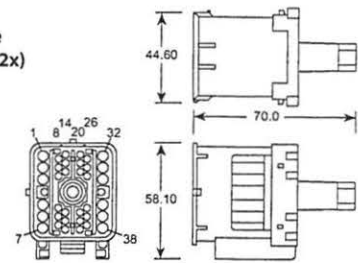
Terminal  
Reference  
Code: 22(26x)



Terminal  
Reference  
Code: 6(12x)

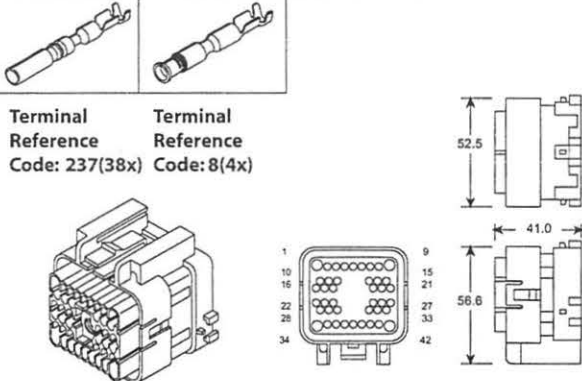
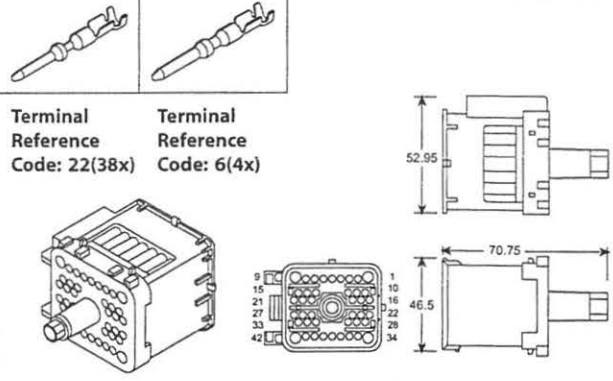


Male Connector Reference



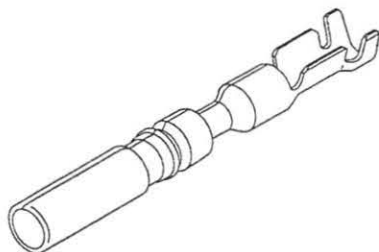
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Female Part Number
1	YC1T-14A464-DA	A	Gray			AFL	YC1T-14A624-FA

**42 - Way Hybrid Connectors**

						
Female Hybrid Connector Shown				Male Hybrid Connector Reference		
Terminal Reference Code: 237(38x)	Terminal Reference Code: 8(4x)			Terminal Reference Code: 22(38x)	Terminal Reference Code: 6(4x)	
YC1T-14A464-AA	A	Black			AFL	YC1T-14A624-DA
YC1T-14A464-BA	B	Brown			AFL	YC1T-14A624-EA

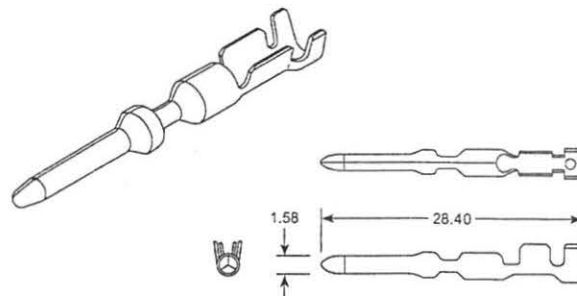
**1.6mm Pin Terminals**

Terminal Reference Code: 237



Female Terminal Shown

Terminal Reference Code: 22

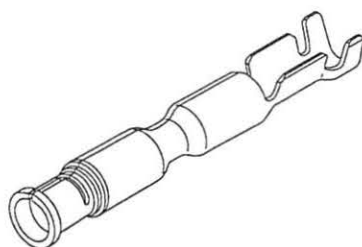


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	F85B-14487-AA	Tin	Cardell	15 amps	18 - 20 (.75 - .5mm)	1L2T-14461-AA
2	E65B-14487-AA	Tin	Cardell	15 amps	22 (.25mm)	E7FB-14461-BA
3	E7EB-14487-AA	Tin	Cardell	15 amps	18 - 20 (.75 - .5mm)	E7EB-14461-BA
4	F2UB-14487-AA	Tin	Cardell	22 amps	14 - 16 (2.0 - 1.0mm)	F2UB-14461-AA
5	F67B-14487-AA	Gold	Cardell	15 amps	18 - 20 (.75 - .5mm)	F67B-14461-AA
6	F67B-14487-BA	Gold	Cardell	15 amps	14 - 16 (2.0 - 1.0mm)	F67B-14461-CA
7	F67B-14487-CA	Gold	Cardell	15 amps	22 (.25mm)	F67B-14461-BA

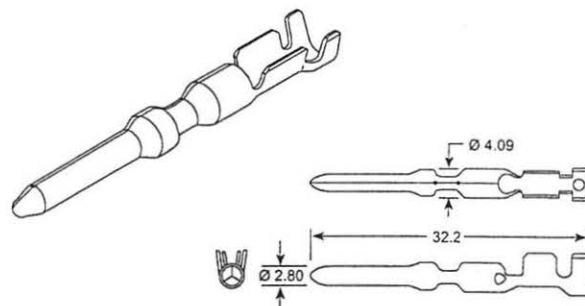
**2.8mm Pin Terminals - For Hybrid Applications**

Terminal Reference Code: 8



Female Terminal Shown

Terminal Reference Code: 6



Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	*F6DB-14487-AA	Tin	Cardell	40 amps	10 - 12 (6.0 - 4.0mm)	F6DB-14461-BA
2	*F6DB-14487-BA	Tin	Cardell	22 amps	14 - 16 (2.0 - 1.0mm)	F6DB-14461-CA
3	*F6DB-14487-CA	Tin	Cardell	12 amps	18 - 20 (.75 - .5mm)	F6DB-14461-DA

\* Grease Filled Terminal

## 3 - Way Connectors

Terminal  
Reference  
Code: 237







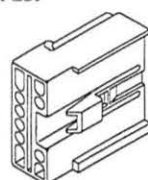
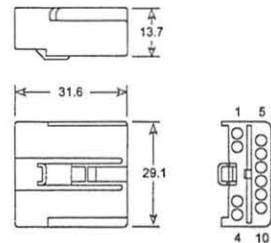
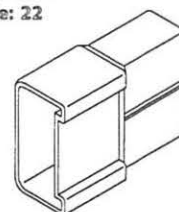
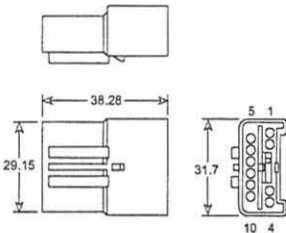
Female Connector Shown

Terminal  
Reference  
Code: 22

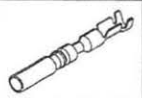
Male Connector Shown  
Shorting Bar: F3AB-9274-AA

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
F3AB-14489-EA	A	Black	Air Bag		AFL	F3AB-14A624-AA
F57B-14489-LA	A	Gray	Air Bag		AFL	F57B-14A624-HA
93BG-14489-RCA	A	Yellow	Air Bag		AFL	93BG-14A624-RCA
F57B-14489-VA	A	Blue	Air Bag		AFL	F57B-14A624-ANA
F57B-14489-ZA	A	Brown	Air Bag		AFL	F57B-14A624-APA
F57B-14489-ZA	A	Brown	Inline		AFL	F57B-14A459-HA

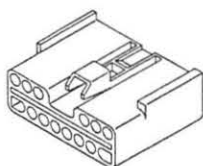
## 10 - Way Connectors

		Female Connector Polarities:						Male Connector Polarities:			
Terminal Reference Code: 237						Terminal Reference Code: 22					
Female Connector Shown				Male Connector Shown							
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number					
F6DB-14489-AHA	A	Black			AMP	F6DB-14A459-FA					
F6DB-14489-AGA	B	Gray			AMP	F6EB-14A459-EA					

## 14 - Way Connectors

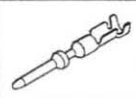
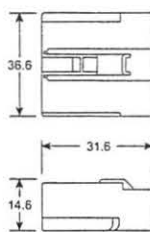


Terminal  
Reference  
Code: 237

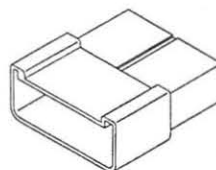


Female Connector Shown

Female  
Connector  
Polarities:

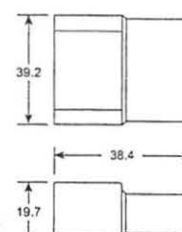


Terminal  
Reference  
Code: 22



Male Connector Shown

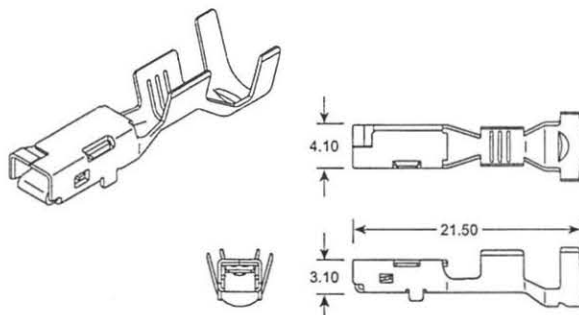
Male  
Connector  
Polarities:



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	E6ZB-14489-AB	A	Black	Inline		AMP	E8TB-14A459-AA
2	E7SB-14489-AA	B	Gray	Inline		AMP	F0OB-14A459-BA

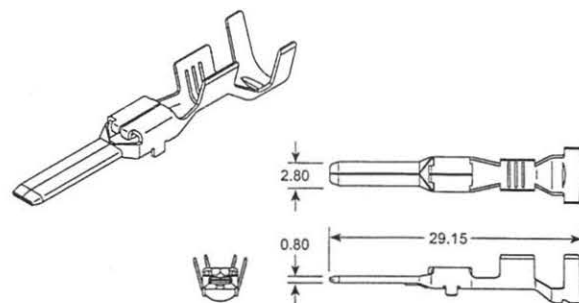
**2.8mm Sealed Terminals**

Terminal Reference Code: 119



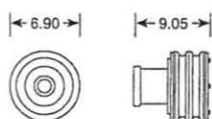
Female Terminal Shown

Terminal Reference Code: 167

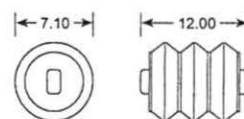


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BDA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BDA
2	97BG-14474-BEA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BEA
3	97BG-14474-BFA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BFA
4	F8ZB-14474-AA	Tin	Yazaki	25 amps	12	TBD

**Wire Seals/Cavity Plugs**


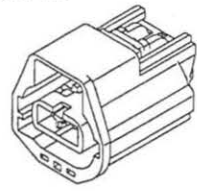
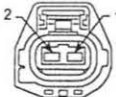

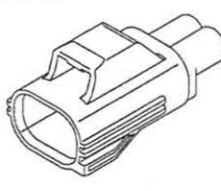

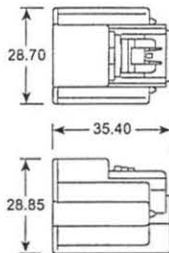
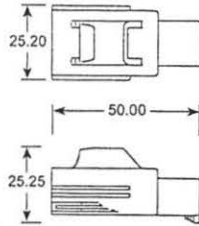
Wire Seal Shown




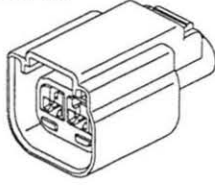


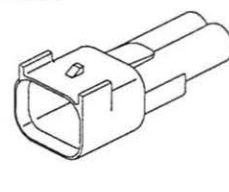
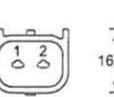
Un-Used Cavity Plug

	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-EA	Wire Seal	Green	ESB-M1L123-A	Yazaki	ø 1.19 ~ 1.9
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-FA	Wire Seal	Yellow	ESB-M1L123-A	Yazaki	ø 1.88 ~ 2.1
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	97BG-10C930-GA	Wire Seal	White	ESB-M1L123-A	Yazaki	ø 2.18 ~ 3.0
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
4	F8ZB-14603-AA	Wire Seal	Lt. Grey	ESB-M1L123-A	Yazaki	ø 3.1 ~ 3.3
5	97BG-10C930-HA	Cavity Plug	Blue	-	Yazaki	-

## 2 - Way Connectors

	<p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>				<p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>		
 <p>28.70</p> <p>35.40</p> <p>28.85</p>		 <p>25.20</p> <p>50.00</p> <p>25.25</p>					
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number	
1 97BG-14A464-VBB	A	Dk. Gray	Spacer PIA, w/o CPA	22N	Yazaki	97BG-14A624-VBB	

## 2 - Way Connectors

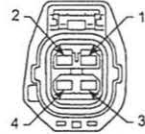
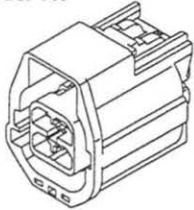
	<p>Terminal Reference Code: 119</p>   <p>Female Connector Shown</p>				<p>Terminal Reference Code: 167</p>   <p>Male Connector Shown</p>		



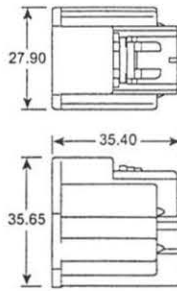
## 4 - Way Connectors



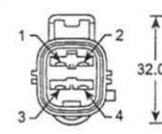
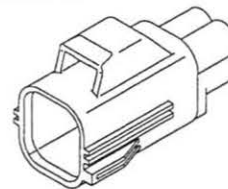
Terminal  
Reference  
Code: 119



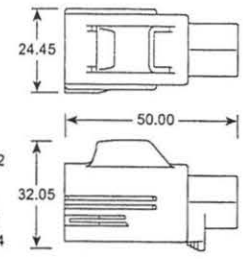
Female Connector Shown



Terminal  
Reference  
Code: 167



Male Connector Shown



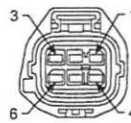
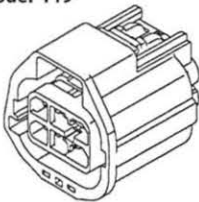
1

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
YC1T-14A464-CA	A	Dk. Gray	Spacer PIA, w/o CPA	54N	Yazaki	YC1T-14A624-CA

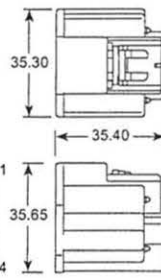
## 6 - Way Connectors



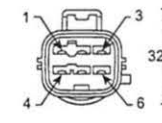
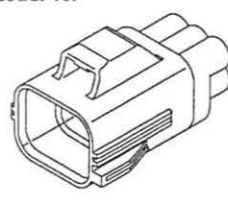
Terminal  
Reference  
Code: 119



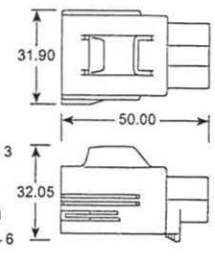
Female Connector Shown



Terminal  
Reference  
Code: 167



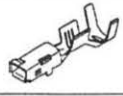
Male Connector Shown



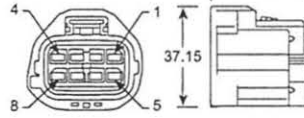
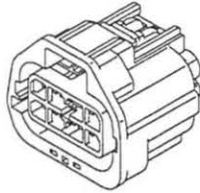
1

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
XW4T-14A464-DAA	A	Dk. Gray	Spacer PIA, w/o CPA	70N	Yazaki	XW4T-14A624-CAA

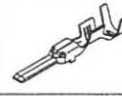
## 8 - Way Connectors



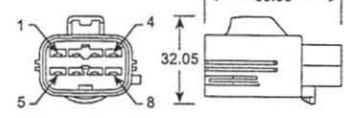
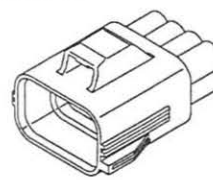
Terminal  
Reference  
Code: 119



Female Connector Shown



Terminal  
Reference  
Code: 167

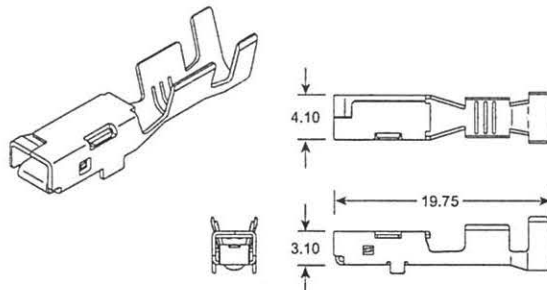


Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	98AG-14A464-EHC	A	Dk. Gray	Spacer PIA, w/o CPA	96N	Yazaki	98AG-14A624-EHB

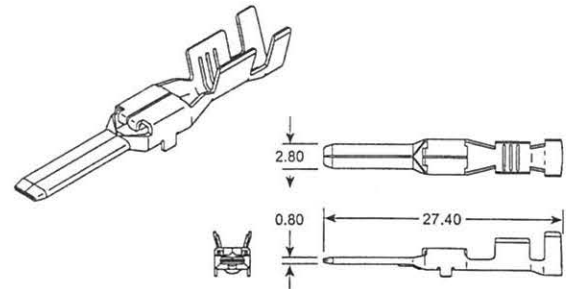
## 2.8mm Unsealed Terminals

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165

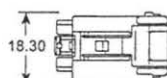
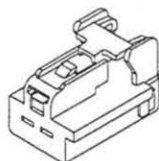


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

**2 - Way Connectors**

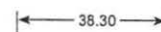
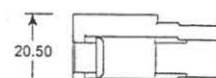
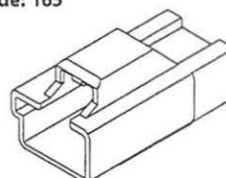
Terminal  
Reference  
Code: 161



Female Connector Shown



Terminal  
Reference  
Code: 165

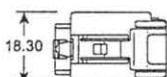
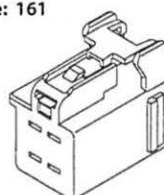


Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-VBB	A	Lt. Gray	Spacer PIA, w/o CPA	33N	Yazaki	97BG-14A459-VBB

**4 - Way Connectors**

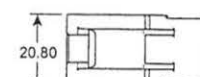
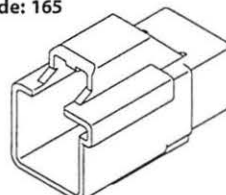
Terminal  
Reference  
Code: 161



Female Connector Shown




Terminal  
Reference  
Code: 165



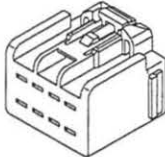
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-ZDB	A	Lt. Gray	Spacer PIA, w/o CPA	31N	Yazaki	97BG-14A459-ZDB

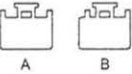
## 8 - Way Connectors



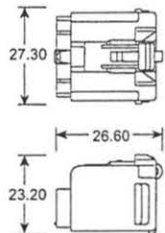
Terminal Reference Code: 161



Female Connector Polarities:

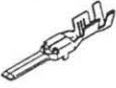


A B

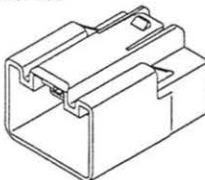


27.30 26.60 23.20

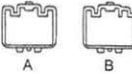
Female Connector Shown



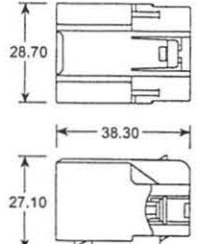
Terminal Reference Code: 165



Male Connector Polarities:



A B



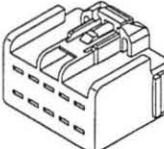
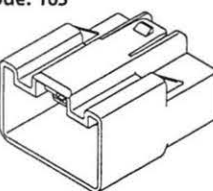
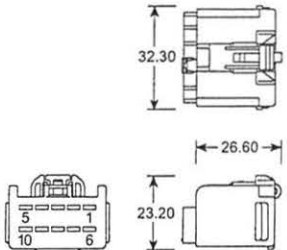
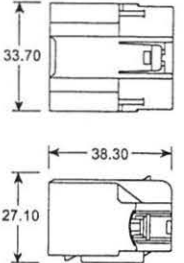


28.70 38.30 27.10

Male Connector Shown

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-ZHC	A	Lt. Gray	Spacer PIA, w/o CPA	89N	Yazaki	97BG-14A459-ZHC
XF2T-14489-GA	A	Blue	Spacer PIA, w/o CPA	89N	Yazaki	TBD
YF1T-14489-AA	B	Green	Spacer PIA, w/o CPA	89N	Yazaki	TBD

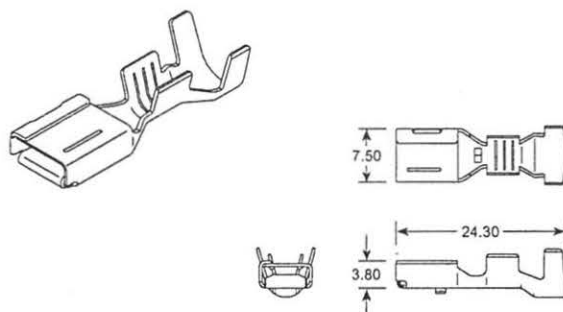
## 10 - Way Connectors

			
<p>Terminal Reference Code: 161</p> 		<p>Terminal Reference Code: 165</p> 	
			
Female Connector Shown		Male Connector Shown	

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
98AG-14489-EKB	A	Lt. Gray	Spacer PIA, w/o CPA	98N	Yazaki	98BG-14A459-EKB

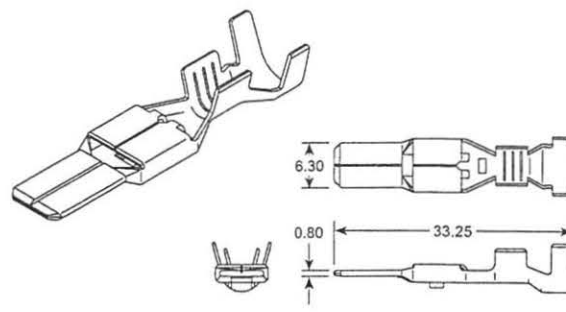
## 6.3mm Sealed Terminals

Terminal Reference Code: 121



Female Terminal Shown

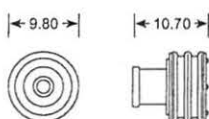
Terminal Reference Code: 71



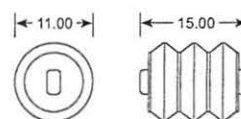
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CDA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CDA
2	97BG-14474-CEA	Tin	Yazaki	35 amps	14 (1.5 - 2.5mm <sup>2</sup> )	97BG-14421-CEA
3	97BG-14474-CFA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CFA
4	1C1T-14474-AA	Tin	Yazaki	35 amps	10	1C1T-14421-AA

## Wire Seals/Cavity Plugs



Wire Seal Shown



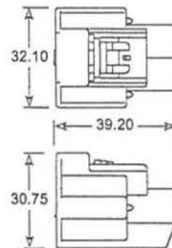
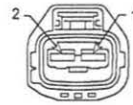
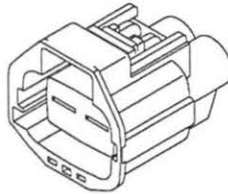
Un-Used Cavity Plug

	Part Number	Description	Color	Wire Type	Supplier	Wire O.D.
1	97BG-10C930-JA	Wire Seal	Red	ESB-M1L123-A	Yazaki	ø 1.4 ~ 2.1
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
2	97BG-10C930-KA	Wire Seal	Blue	ESB-M1L123-A	Yazaki	ø 2.18 ~ 3.0
				WSK-M1L126-A	Yazaki	
				WSS-M1L135-A1	Yazaki	
3	97BG-10C930-LA	Wire Seal	Black	ESB-M1L123-A	Yazaki	ø 3.1 ~ 3.7
				WSK-M1L126-A	Yazaki	
4	1C1T-14603-AA	Wire Seal	Lt. Grey	ESB-M1L123-A	Yazaki	ø 3.8 ~ 4.05
5	97BG-10C930-MA	Cavity Plug	Green	-	Yazaki	-

## 2 - Way Connectors



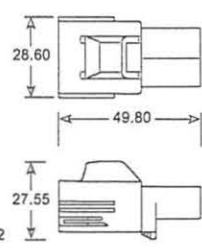
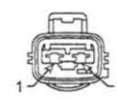
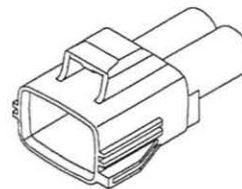
Terminal  
Reference  
Code: 121



Female Connector Shown



Terminal  
Reference  
Code: 71



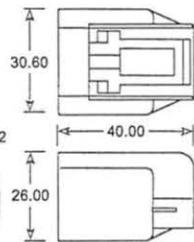
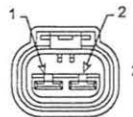
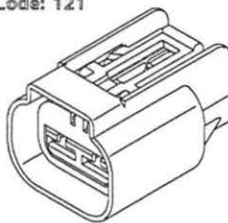
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	98AG-14A464-ZBB	A	Dk. Gray	Spacer PIA, w/o CPA	42N	Yazaki	98AG-14A624-ZBB

## 2 - Way Connectors



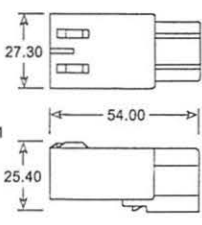
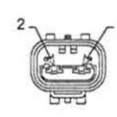
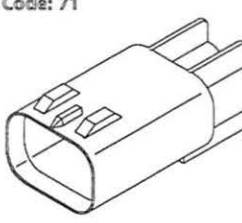
Terminal  
Reference  
Code: 121



Female Connector Shown



Terminal  
Reference  
Code: 71



Male Connector Shown

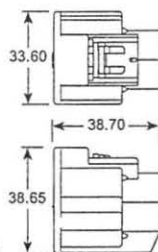
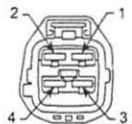
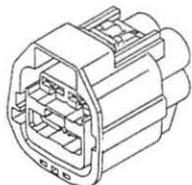
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XS71-14A464-LBA	A	Black	Spacer PIA, w/o CPA	35N	Molex	1L5T-14A624-CA



## 4 - Way Connectors



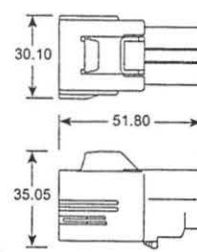
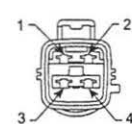
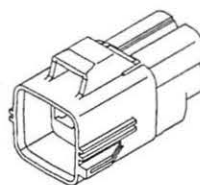
Terminal  
Reference  
Code: 121



Female Connector Shown



Terminal  
Reference  
Code: 71

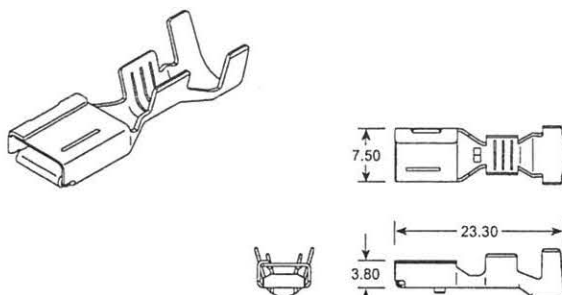


Male Connector Shown

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1C1T-14A464-AA	A	Dk. Gray	Spacer PIA, w/o CPA	56N	Yazaki	1C1T-14A624-AA

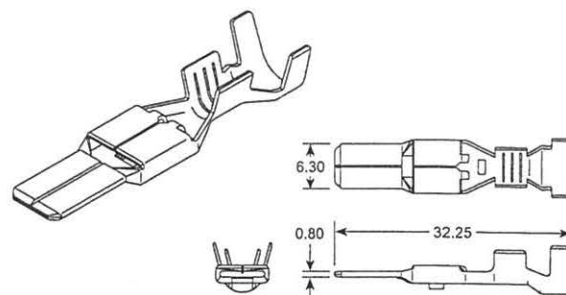
**6.3mm Unsealed Terminals**

Terminal Reference Code: 80



Female Terminal Shown

Terminal Reference Code: 65



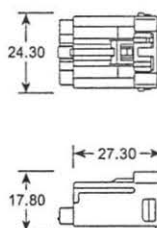
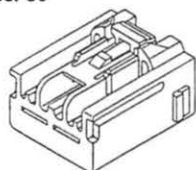
Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CAA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CAA
2	97BG-14474-CBA	Tin	Yazaki	35 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-CBA
3	97BG-14474-CCA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CCA
4	XW4T-14474-TA	Tin	Yazaki	35 amps	10 (5.0mm <sup>2</sup> )	XW4T-14421-EA

## 2 - Way Connectors



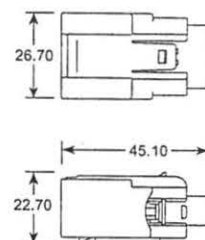
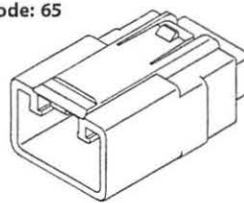
Terminal  
Reference  
Code: 80



Female Connector Shown



Terminal  
Reference  
Code: 65



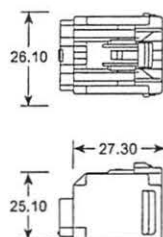
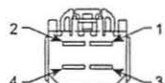
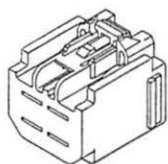
Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-ZBB	A	Lt. Gray	Spacer PIA, w/o CPA	31N	Yazaki	97BG-14A459-ZBB

## 4 - Way Connectors



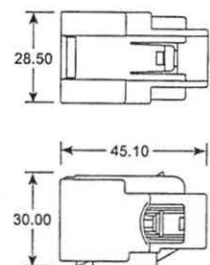
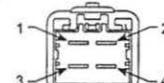
Terminal  
Reference  
Code: 80



Female Connector Shown



Terminal  
Reference  
Code: 65

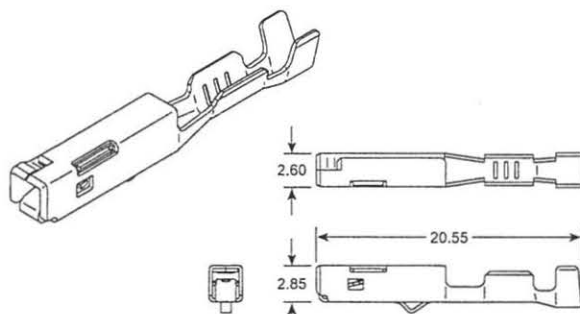


Male Connector Shown

	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	XR8T-14489-EB	A	Lt. Gray	Spacer PIA, w/o CPA	57N	Yazaki	XR8T-14A459-CB

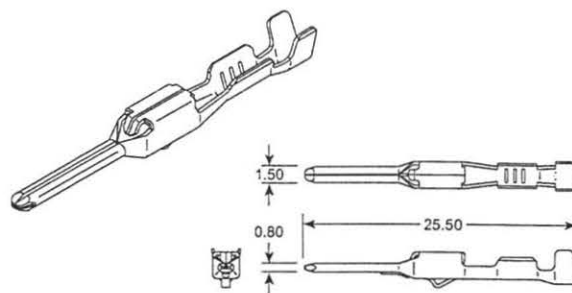
**1.5mm Unsealed Terminals**

Terminal Reference Code: 160



Female Terminal Shown

Terminal Reference Code: 112

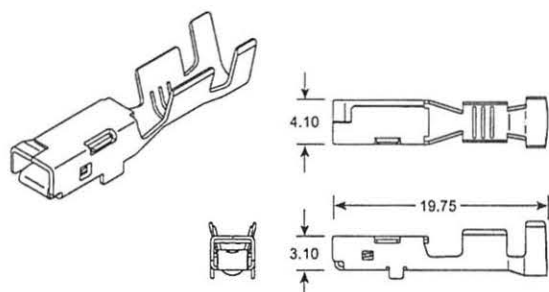


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-AAB	Tin	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AAB
2	97BG-14474-ABB	Tin	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-ABB
3	97BG-14474-ACB	Tin	Yazaki	15 amps	1.5mm <sup>2</sup>	97BG-14421-ACB
4	97BG-14474-AFA	Gold	Yazaki	15 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-AFA
	97BG-14474-AGA	Gold	Yazaki	15 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-AGA

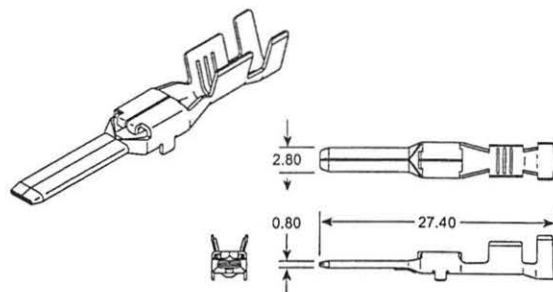
**2.8mm Unsealed Terminals**

Terminal Reference Code: 161



Female Terminal Shown

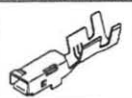
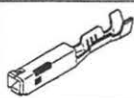
Terminal Reference Code: 165



Male Terminal Shown

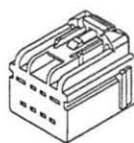
	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

## 8 - Way Hybrid Connectors

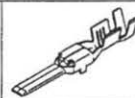
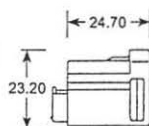
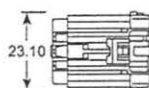


Terminal  
Reference  
Code: 160(x6)

Terminal  
Reference  
Code: 161(x2)

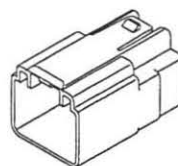


Female Hybrid Connector Shown

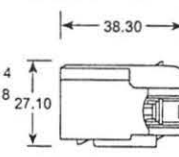
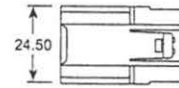


Terminal  
Reference  
Code: 112(x6)

Terminal  
Reference  
Code: 165(x2)

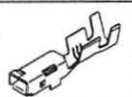
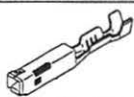


Male Hybrid Connector Shown



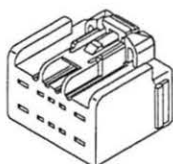
	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-YHB	A	Lt. Gray	Spacer PIA, w/o CPA	56N	Yazaki	97BG-14A459-YHB

## 10 - Way Hybrid Connectors

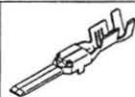
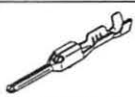
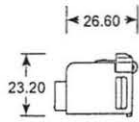
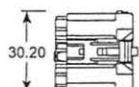


Terminal  
Reference  
Code: 160(x6)

Terminal  
Reference  
Code: 161(x4)

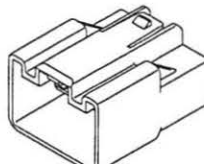


Female Hybrid Connector Shown

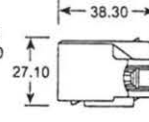
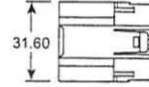


Terminal  
Reference  
Code: 112(x6)

Terminal  
Reference  
Code: 165(x4)



Male Hybrid Connector Shown



	Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
1	97BG-14489-VKB	A	Lt. Gray	Spacer PIA, w/o CPA	69N	Yazaki	97BG-14A459-VKB

## 14 - Way Hybrid Connectors

TRC: 160(x10) TRC: 161(x4)

Female  
Connector  
Polarities:

A B C

Female Hybrid Connector Shown

TRC: 112(x10)

TRC: 165(x4)

Polarity A

Polarity B

Polarity C

14-Way Hybrid Harness

Male (Harness) Connector Shown

14-Way Hybrid Header  
Terminals P.I.A.

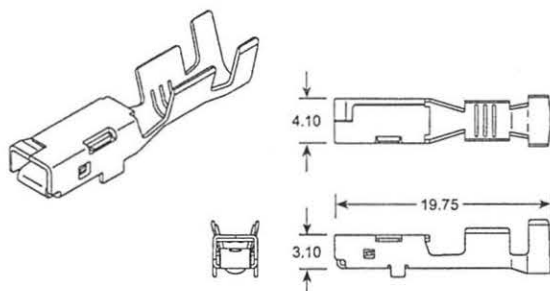
Male (Header) Connector Shown  
For more information see Header Hybrid Section

14-Way  
Polarity A Shown

Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-VRB	A	Lt. Gray	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-VRB
97BG-14489-YRB	B	Green	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-YRB
XS21-14489-AA	B	Black	Spacer PIA, w/o CPA	82N	Yazaki	XS21-14A459-AA
97BG-14489-ZRB	C	Blue	Spacer PIA, w/o CPA	82N	Yazaki	97BG-14A459-ZRB
XS21-14489-BA	C	Brown	Spacer PIA, w/o CPA	82N	Yazaki	XS21-14A459-BA
97BG-14489-VRB	A	Lt. Gray	Spacer PIA, w/o CPA	82N	Yazaki	F8SB-14A624-BA (Header)

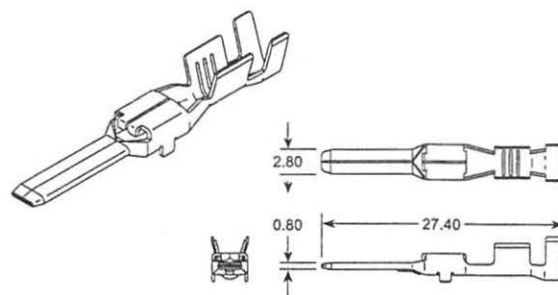
**2.8mm Unsealed Terminals**

Terminal Reference Code: 161



Female Terminal Shown

Terminal Reference Code: 165

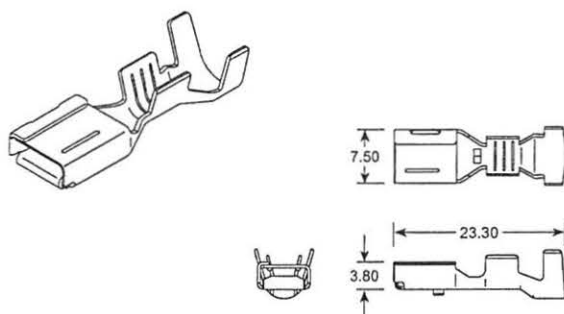


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-BAA	Tin	Yazaki	25 amps	22~20 (.35 - .5mm <sup>2</sup> )	97BG-14421-BAA
2	97BG-14474-BBA	Tin	Yazaki	25 amps	18~16 (.75-1.0mm <sup>2</sup> )	97BG-14421-BBA
3	97BG-14474-BCA	Tin	Yazaki	25 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-BCA
4	XF2T-14474-DA	Tin	Yazaki	25 amps	12~10	XF2T-14421-AA

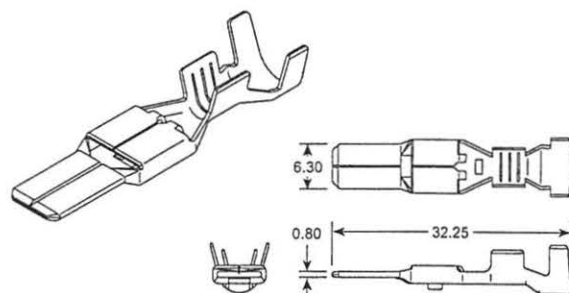
**6.3mm Unsealed Terminals**

Terminal Reference Code: 80



Female Terminal Shown

Terminal Reference Code: 65

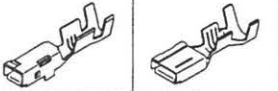
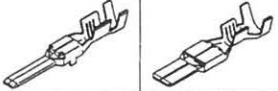
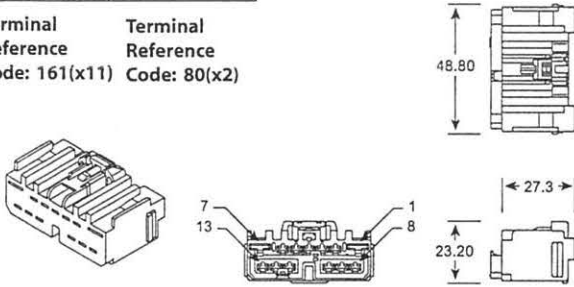
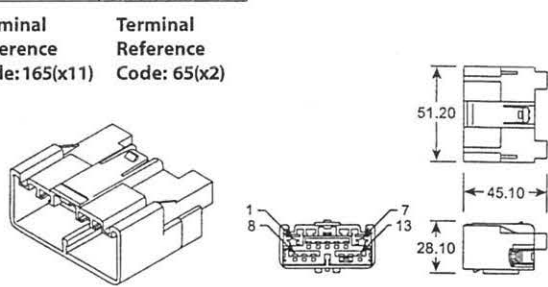


Male Terminal Shown

	Female Part Number	Plating	Supplier	Current Rating	Wire Gages	Male Part Number
1	97BG-14474-CAA	Tin	Yazaki	35 amps	20~16 (.5 - 1.0mm <sup>2</sup> )	97BG-14421-CAA
2	97BG-14474-CBA	Tin	Yazaki	35 amps	14 (1.5 -2.5mm <sup>2</sup> )	97BG-14421-CBA
3	97BG-14474-CCA	Tin	Yazaki	35 amps	12 (4.0mm <sup>2</sup> )	97BG-14421-CCA
4	XW4T-14474-TA	Tin	Yazaki	35 amps	10 (5.0mm <sup>2</sup> )	XW4T-14421-EA



## 13 - Way Hybrid Connectors

						
Terminal Reference Code: 161(x11)	Terminal Reference Code: 80(x2)	Terminal Reference Code: 165(x11)	Terminal Reference Code: 65(x2)			
						
Female Hybrid Connector Shown		Male Hybrid Connector Shown				
Female Part Number	Polarity	Color	Remarks	Mating Force	Supplier	Male Part Number
97BG-14489-ZNC	A	Lt. Gray	Spacer PIA, w/o CPA	95N	Yazaki	97BG-14A459-ZNC

<u>Project Name</u>	<u>New</u>	<u>QA</u>	<u>Prod</u>	<u>Developer Contact(s)</u>	<u>Project Lead Contact(s)</u>	<u>Depa</u>
<b>Sites - QA</b>						
French and Spanish Sites		x		Scott Richardson		
Sterling new pages		x		Molly Lee		

**Sites - Production**

www.Alliance-Support.com			x		Dan Shirey	
www.AmericanLaFrance.com			x			
www.Freightliner.com			x	Pubs	Chris Brandt	
http://www.freightliner.com/corp/press.as			x	Publishing	Chris Brandt	
http://www.freightliner.com/corp/human-			x	Nicole Heller	Chris Brandt	
http://www.freightliner.com/corp/events/				??	Chris Brandt	
http://Alliance-docs.freightliner.com			x	Rocky Shaw	Bert Daron	
www.FreightlinerTrucks.com			x	Pubs		
www.Selectrucks.com			x		Mike McHorse	
www.Sterlingtrucks.com			x		Jim McNamara	

**Applications - New**

Dealer Data (Pulsar)	x			Mike Belding	Kristine Racher	SD -
Route to Success	x				Tom Marks	SD -
SelecTrucks.com (adding dealer maps)	x			David Tangman	Kristine Racher	SD -
Sterlingtrucks.com Dealer Data	x			Mike Belding	Kristine Racher	SD -
Supplier Rating	x			Steve Montgomery	Mike Lacy	

**Applications - QA**

PuPS		x		Nathan Manley	Mike Lacy	SD -
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<u>Num</u>	<u>Part Number</u>	<u>Gender</u>	<u>Section</u>	<u>Sub-Section</u>	<u>Sealed/Unsealed</u>	<u>Page/Position</u>	<u>Connector Type</u>	<u>Supplier</u>
1	1C1T-14A464-AA	Female	Harness	6.3mm	Sealed	46b	04-Way	Yazaki
2	1C1T-14A464-AA	Female	Preferred Inline	6.3mm	Sealed	104a	04-Way	Yazaki
3	1C1T-14A624-AA	Male	Harness	6.3mm	Sealed	46b	04-Way	Yazaki
4	1C1T-14A624-AA	Male	Preferred Inline	6.3mm	Sealed	104a	04-Way	Yazaki
5	1F1T-14A464-AA	Female	Harness	1.5mm	Sealed	16a	02-Way	AFL
6	1F1T-14A464-CA	Female	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
7	1F1T-14A464-DA	Female	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
8	1F1T-14A464-EA	Female	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
9	1F1T-14A464-FA	Female	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
10	1F1T-14A464-GA	Female	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
11	1F1T-14A464-HA	Female	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
12	1F1T-14A464-JA	Female	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
13	1F1T-14A624-AA	Male	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
14	1F1T-14A624-BA	Male	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
15	1F1T-14A624-CA	Male	Preferred Inline	1.6mm Micropin	Sealed	87a	08-Way	AFL
16	1F1T-14A624-DA	Male	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
17	1F1T-14A624-EA	Male	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
18	1F1T-14A624-FA	Male	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
19	1F1T-14A624-GA	Male	Preferred Inline	1.6mm Micropin	Sealed	86b	04-Way	AFL
20	1F1T-14A624-HA	Male	Preferred Inline	1.6mm Micropin	Sealed	86a	02-Way	AFL
21	1F2T-14A624-BA	Male	Harness	1.5mm	Sealed	20b	04-Way	AFL
22	1L2T-14489-EA	Female	Harness	.64mm	Unsealed	4b	06-Way	Osram Sylvania
23	1L2T-14489-GA	Female	Harness	.64mm	Unsealed	4a	04-Way	Osram Sylvania
24	1L2T-14A464-AA	Female	Harness	1.5mm	Sealed	16b	02-Way	AFL
25	1L2T-14A464-BA	Female	Harness	1.5mm	Sealed	16b	02-Way	AFL
26	1L2T-14A464-CA	Female	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way	AMP
27	1L2T-14A464-CA	Female	Header	1.0mm&1.5mm	Unsealed	72a	20-Way	AMP
28	1L2T-14A464-CA	Female	Header	1.0mm&1.5mm	Unsealed	74a	20-Way	AMP
29	1L2T-14A464-DA	Female	Harness	6.3mm	Sealed	46a	04-Way	AFL
30	1L2T-14A464-EA	Female	Harness	1.0mm	Unsealed	13a	16-Way	AMP
31	1L2T-14A464-EA	Female	Header	1.0mm&1.5mm	Unsealed	73a	16-Way	AMP
32	1L2T-14A464-FA	Female	Harness	.64mm	Sealed	2a	08-Way	Osram Sylvania
33	1L2T-14A624-AA	Male	Harness	1.0mm	Unsealed	11b	48-Way Header	AMP
34	1L2T-14A624-AA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	48-Way Header	AMP
35	1L2T-14A624-AA	Male	Header	1.0mm&1.5mm	Unsealed	74a	48-Way Header	AMP
36	1L2T-14A624-BA	Male	Harness	1.0mm	Unsealed	13a	36-Way V Header	AMP
37	1L2T-14A624-BA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	36-Way Header	AMP
38	1L2T-14A624-BA	Male	Header	1.0mm&1.5mm	Unsealed	73a	36-Way Header	AMP
39	1L2T-14A624-CA	Male	Harness	1.0mm	Unsealed	11b	08-Way V Header	AMP
40	1L2T-14A624-CA	Male	Header	1.0mm	Unsealed	64a	08-Way V Header	AMP
41	1L5T-14A624-CA	Male	Harness	6.3mm	Sealed	45b	02-Way	Molex
42	1L5T-14A624-CA	Male	Preferred Inline	6.3mm	Sealed	103b	02-Way	Molex
43	1S7T-14489-EA	Female	Harness	.64mm&2.8mm	Unsealed	52a	23-Way	Osram Sylvania
44	1S7T-14489-FA	Female	Harness	.64mm&2.8mm	Unsealed	52a	23-Way	Osram Sylvania
45	1S7T-14489-GA	Female	Harness	.64mm&2.8mm	Unsealed	52a	23-Way	Osram Sylvania
46	1S7T-14489-HA	Female	Harness	.64mm&2.8mm	Unsealed	52a	23-Way	Osram Sylvania
47	1S7T-14489-JA	Female	Harness	.64mm&2.8mm	Unsealed	52a	23-Way	Osram Sylvania
48	1S7T-14489-SA	Female	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
49	1S7T-14489-TA	Female	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
50	1S7T-14489-VA	Female	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
51	1S7T-14A459-SA	Male	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
52	1S7T-14A459-TA	Male	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
53	1S7T-14A459-VA	Male	Harness	.64mm	Unsealed	5a	22-Way	Osram Sylvania
54	2L1T-14A464-AA	Female	Harness	1.5mm	Sealed	23b	06-Way	AFL
55	93BG-14489-RCA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
56	93BG-14A464-YBA	Female	Harness	9.5mm	Sealed	50b	02-Way	Yazaki
57	93BG-14A624-RCA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
58	93BG-14A624-YBA	Male	Harness	9.5mm	Sealed	50b	02-Way	Yazaki
59	97BG-14489-ADB	Female	Harness	1.5mm	Unsealed	28b	04-Way	Yazaki
60	97BG-14489-ADB	Female	Preferred Inline	1.5mm	Unsealed	82a	04-Way	Yazaki
61	97BG-14489-VBB	Female	Harness	2.8mm	Unsealed	40a	02-Way	Yazaki
62	97BG-14489-VBB	Female	Preferred Inline	2.8mm	Unsealed	100a	02-Way	Yazaki
63	97BG-14489-VKB	Female	Harness	1.5mm&2.8mm	Unsealed	57b	10-Way	Yazaki
64	97BG-14489-VKB	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	108b	10-Way	Yazaki
65	97BG-14489-VRB	Female	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
66	97BG-14489-VRB	Female	Header	1.5mm&2.8mm	Unsealed	78a	14-Way	Yazaki
67	97BG-14489-VRB	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki

68	97BG-14489-VTB	Female	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
69	97BG-14489-VTB	Female	Header	1.5mm	Unsealed	69b	16-Way	Yazaki
70	97BG-14489-VTB	Female	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
71	97BG-14489-YBB	Female	Harness	1.5mm	Unsealed	27a	02-Way	Yazaki
72	97BG-14489-YDB	Female	Harness	1.5mm	Unsealed	28b	04-Way	Yazaki
73	97BG-14489-YDB	Female	Preferred Inline	1.5mm	Unsealed	82a	04-Way	Yazaki
74	97BG-14489-YFB	Female	Harness	1.5mm	Unsealed	29b	06-Way	Yazaki
75	97BG-14489-YFB	Female	Preferred Inline	1.5mm	Unsealed	82b	06-Way	Yazaki
76	97BG-14489-YHB	Female	Harness	1.5mm&2.8mm	Unsealed	57a	08-Way	Yazaki
77	97BG-14489-YHB	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	108a	08-Way	Yazaki
78	97BG-14489-YKB	Female	Harness	1.5mm	Unsealed	31b	10-Way	Yazaki
79	97BG-14489-YKB	Female	Header	1.5mm	Unsealed	68a	10-Way	Yazaki
80	97BG-14489-YMB	Female	Harness	1.5mm	Unsealed	32a	12-Way	Yazaki
81	97BG-14489-YMB	Female	Preferred Inline	1.5mm	Unsealed	83a	12-Way	Yazaki
82	97BG-14489-YRB	Female	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
83	97BG-14489-YRB	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
84	97BG-14489-YTB	Female	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
85	97BG-14489-YTB	Female	Header	1.5mm	Unsealed	68b	16-Way	Yazaki
86	97BG-14489-YTB	Female	Header	1.5mm	Unsealed	69a	16-Way	Yazaki
87	97BG-14489-YTB	Female	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
88	97BG-14489-ZBB	Female	Harness	6.3mm	Unsealed	48a	02-Way	Yazaki
89	97BG-14489-ZBB	Female	Preferred Inline	6.3mm	Unsealed	106a	02-Way	Yazaki
90	97BG-14489-ZDB	Female	Harness	2.8mm	Unsealed	40b	04-Way	Yazaki
91	97BG-14489-ZDB	Female	Preferred Inline	2.8mm	Unsealed	100b	04-Way	Yazaki
92	97BG-14489-ZHC	Female	Harness	2.8mm	Unsealed	42a	08-Way	Yazaki
93	97BG-14489-ZHC	Female	Preferred Inline	2.8mm	Unsealed	101a	08-Way	Yazaki
94	97BG-14489-ZNC	Female	Harness	2.8mm&6.3mm	Unsealed	60a	13-Way	Yazaki
95	97BG-14489-ZNC	Female	Preferred Inline	2.8mm&6.3mm	Unsealed	111a	13-Way	Yazaki
96	97BG-14489-ZRB	Female	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
97	97BG-14489-ZRB	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
98	97BG-14489-ZTB	Female	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
99	97BG-14489-ZTB	Female	Header	1.5mm	Unsealed	69b	16-Way	Yazaki
100	97BG-14489-ZTB	Female	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
101	97BG-14A459-ADB	Male	Harness	1.5mm	Unsealed	28b	04-Way	Yazaki
102	97BG-14A459-ADB	Male	Preferred Inline	1.5mm	Unsealed	82a	04-Way	Yazaki
103	97BG-14A459-VBB	Male	Harness	2.8mm	Unsealed	40a	02-Way	Yazaki
104	97BG-14A459-VBB	Male	Preferred Inline	2.8mm	Unsealed	100a	02-Way	Yazaki
105	97BG-14A459-VKB	Male	Harness	1.5mm&2.8mm	Unsealed	57b	10-Way	Yazaki
106	97BG-14A459-VKB	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	108b	10-Way	Yazaki
107	97BG-14A459-VTB	Male	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
108	97BG-14A459-VTB	Male	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
109	97BG-14A459-YBB	Male	Harness	1.5mm	Unsealed	27a	02-Way	Yazaki
110	97BG-14A459-YDB	Male	Harness	1.5mm	Unsealed	28b	04-Way	Yazaki
111	97BG-14A459-YDB	Male	Preferred Inline	1.5mm	Unsealed	82a	04-Way	Yazaki
112	97BG-14A459-YFB	Male	Harness	1.5mm	Unsealed	29b	06-Way	Yazaki
113	97BG-14A459-YFB	Male	Preferred Inline	1.5mm	Unsealed	82b	06-Way	Yazaki
114	97BG-14A459-YHB	Male	Harness	1.5mm&2.8mm	Unsealed	57a	08-Way	Yazaki
115	97BG-14A459-YHB	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	108a	08-Way	Yazaki
116	97BG-14A459-YKB	Male	Harness	1.5mm	Unsealed	31b	10-Way	Yazaki
117	97BG-14A459-YMB	Male	Harness	1.5mm	Unsealed	32a	12-Way	Yazaki
118	97BG-14A459-YMB	Male	Preferred Inline	1.5mm	Unsealed	83a	12-Way	Yazaki
119	97BG-14A459-YRB	Male	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
120	97BG-14A459-YRB	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
121	97BG-14A459-YTB	Male	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
122	97BG-14A459-YTB	Male	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
123	97BG-14A459-ZBB	Male	Harness	6.3mm	Unsealed	48a	02-Way	Yazaki
124	97BG-14A459-ZBB	Male	Preferred Inline	6.3mm	Unsealed	106a	02-Way	Yazaki
125	97BG-14A459-ZDB	Male	Harness	2.8mm	Unsealed	40b	04-Way	Yazaki
126	97BG-14A459-ZDB	Male	Preferred Inline	2.8mm	Unsealed	100b	04-Way	Yazaki
127	97BG-14A459-ZHC	Male	Harness	2.8mm	Unsealed	42a	08-Way	Yazaki
128	97BG-14A459-ZHC	Male	Preferred Inline	2.8mm	Unsealed	101a	08-Way	Yazaki
129	97BG-14A459-ZNC	Male	Harness	2.8mm&6.3mm	Unsealed	60a	13-Way	Yazaki
130	97BG-14A459-ZNC	Male	Preferred Inline	2.8mm&6.3mm	Unsealed	111a	13-Way	Yazaki
131	97BG-14A459-ZRB	Male	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
132	97BG-14A459-ZRB	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
133	97BG-14A459-ZTB	Male	Harness	1.5mm	Unsealed	33a	16-Way	Yazaki
134	97BG-14A459-ZTB	Male	Preferred Inline	1.5mm	Unsealed	84a	16-Way	Yazaki
135	97BG-14A464-RBA	Female	Harness	1.5mm	Sealed	17a	02-Way	AFL

136	97BG-14A464-SBA	Female	Harness	1.5mm	Sealed	18b	02-Way	AFL
137	97BG-14A464-VBB	Female	Harness	2.8mm	Sealed	36a	02-Way	Yazaki
138	97BG-14A464-VBB	Female	Preferred Inline	2.8mm	Sealed	96a	02-Way	Yazaki
139	97BG-14A624-RBA	Male	Harness	1.5mm	Sealed	17a	02-Way	AFL
140	97BG-14A624-VBB	Male	Harness	2.8mm	Sealed	36a	02-Way	Yazaki
141	97BG-14A624-VBB	Male	Preferred Inline	2.8mm	Sealed	96a	02-Way	Yazaki
142	98AG-14489-EKB	Female	Harness	2.8mm	Unsealed	43a	10-Way	Yazaki
143	98AG-14489-EKB	Female	Preferred Inline	2.8mm	Unsealed	101b	10-Way	Yazaki
144	98AG-14A464-ALA	Female	Harness	1.0mm	Sealed	7a	11-Way	Molex
145	98AG-14A464-AZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
146	98AG-14A464-BZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
147	98AG-14A464-CZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
148	98AG-14A464-DZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
149	98AG-14A464-EHC	Female	Harness	2.8mm	Sealed	38b	08-Way	Yazaki
150	98AG-14A464-EHC	Female	Preferred Inline	2.8mm	Sealed	98a	08-Way	Yazaki
151	98AG-14A464-SBA	Female	Harness	1.5mm	Sealed	18b	02-Way	AFL
152	98AG-14A464-YDB	Female	Harness	1.5mm	Sealed	21a	04-Way	Yazaki
153	98AG-14A464-ZBB	Female	Harness	6.3mm	Sealed	45a	02-Way	Yazaki
154	98AG-14A464-ZBB	Female	Preferred Inline	6.3mm	Sealed	103a	02-Way	Yazaki
155	98AG-14A624-EHB	Male	Harness	2.8mm	Sealed	38b	08-Way	Yazaki
156	98AG-14A624-EHB	Male	Preferred Inline	2.8mm	Sealed	98a	08-Way	Yazaki
157	98AG-14A624-YDB	Male	Harness	1.5mm	Sealed	21a	04-Way	Yazaki
158	98AG-14A624-ZBB	Male	Harness	6.3mm	Sealed	45a	02-Way	Yazaki
159	98AG-14A624-ZBB	Male	Preferred Inline	6.3mm	Sealed	103a	02-Way	Yazaki
160	98BG-14A459-EKB	Male	Harness	2.8mm	Unsealed	43a	10-Way	Yazaki
161	98BG-14A459-EKB	Male	Preferred Inline	2.8mm	Unsealed	101b	10-Way	Yazaki
162	E6ZB-14489-AB	Female	Preferred Inline	1.6mm Micropin	Unsealed	93a	14-Way	AMP
163	E7SB-14489-AA	Female	Preferred Inline	1.6mm Micropin	Unsealed	93a	14-Way	AMP
164	E8TB-14A459-AA	Male	Preferred Inline	1.6mm Micropin	Unsealed	93a	14-Way	AMP
165	F0OB-14A459-BA	Male	Preferred Inline	1.6mm Micropin	Unsealed	93a	14-Way	AMP
166	F2AB-14A464-AA	Female	Preferred Inline	1.6mm Micropin	Sealed	88a	16-Way	AFL
167	F2AB-14A464-BA	Female	Preferred Inline	1.6mm Micropin	Sealed	88a	16-Way	AFL
168	F2AB-14A624-AA	Male	Preferred Inline	1.6mm Micropin	Sealed	88a	16-Way	AFL
169	F2AB-14A624-BA	Male	Preferred Inline	1.6mm Micropin	Sealed	88a	16-Way	AFL
170	F3AB-14489-EA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
171	F3AB-14A624-AA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
172	F57B-14489-LA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
173	F57B-14489-VA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
174	F57B-14489-ZA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
175	F57B-14A624-ANA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
176	F57B-14A624-APA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
177	F57B-14A624-HA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92a	03-Way	AFL
178	F6DB-14489-AGA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92b	10-Way	AMP
179	F6DB-14489-AHA	Female	Preferred Inline	1.6mm Micropin	Unsealed	92b	10-Way	AMP
180	F6DB-14A459-EA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92b	10-Way	AMP
181	F6DB-14A459-FA	Male	Preferred Inline	1.6mm Micropin	Unsealed	92b	10-Way	AMP
182	F75B-14A464-MA	Female	Preferred Inline	1.6mm Micropin	Sealed	87b	12-Way	AFL
183	F75B-14A624-BA	Male	Preferred Inline	1.6mm Micropin	Sealed	87b	12-Way	AFL
184	F81B-14A464-KA	Female	Harness	1.5mm	Sealed	17b	02-Way	Yazaki
185	F81B-14A464-MB	Female	Harness	1.5mm	Sealed	23a	06-Way	Yazaki
186	F81B-14A464-NA	Female	Preferred Inline	1.6mm Micropin	Sealed	87b	12-Way	AFL
187	F81B-14A624-BA	Male	Harness	1.0mm&1.5mm	Unsealed	54a	16-Way Header	AMP
188	F81B-14A624-BA	Male	Header	1.0mm&1.5mm	Unsealed	71a	16-Way V Header	AMP
189	F81B-14A624-HA	Male	Preferred Inline	1.6mm Micropin	Sealed	87b	12-Way	AFL
190	F87B-14A464-AA	Female	Harness	1.5mm	Sealed	22b	05-Way	Yazaki
191	F8AB-14A624-BA	Male	Harness	1.0mm	Unsealed	13b	36-Way Header	AMP
192	F8AB-14A624-BA	Male	Harness	1.0mm&1.5mm	Unsealed	54a	36-Way Header	AMP
193	F8AB-14A624-BA	Male	Header	1.0mm&1.5mm	Unsealed	73b	36-Way Header	AMP
194	F8DB-14A464-GB	Male	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way V Header	AMP
195	F8DB-14A624-GB	Male	Header	1.0mm&1.5mm	Unsealed	72b	20-Way V Header	AMP
196	F8OB-14A464-MA	Female	Preferred Inline	1.6mm Micropin	Sealed	86a	02-Way	AFL
197	F8OB-14A464-DA	Female	Harness	1.0mm	Unsealed	13b	20-Way	AMP
198	F8OB-14A464-DA	Female	Header	1.0mm&1.5mm	Unsealed	73b	20-Way	AMP
199	F8OB-14A464-FA	Female	Harness	1.0mm&1.5mm	Unsealed	54a	16-Way	AMP
200	F8OB-14A464-FA	Female	Header	1.0mm&1.5mm	Unsealed	71a	16-Way	AMP
201	F8OB-14A464-FA	Female	Header	1.0mm&1.5mm	Unsealed	73b	16-Way	AMP
202	F8OB-14A464-GA	Female	Harness	1.0mm	Unsealed	12a	08-Way	AMP
203	F8OB-14A464-GA	Female	Header	1.0mm&1.5mm	Unsealed	73b	08-Way	AMP

204	F8OB-14A624-CA	Male	Harness	1.0mm	Unsealed	12a	44-Way Header	AMP
205	F8OB-14A624-CA	Male	Harness	1.0mm	Unsealed	13b	44-Way Header	AMP
206	F8OB-14A624-CA	Male	Harness	1.0mm&1.5mm	Unsealed	54a	44-Way Header	AMP
207	F8OB-14A624-CA	Male	Header	1.0mm&1.5mm	Unsealed	73b	44-Way Header	AMP
208	F8SB-14A624-BA	Male	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way Header	Yazaki
209	F8SB-14A624-BA	Male	Header	1.5mm&2.8mm	Unsealed	78a	14-Way Header	AMP
210	F8SB-14A624-BA	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way Header	Yazaki
211	F8VB-14A464-AB	Female	Harness	1.0mm	Unsealed	11a	06-Way	Molex
212	F8VB-14A464-AB	Female	Header	1.0mm	Unsealed	63b	06-Way	Molex
213	F8VB-14A464-BB	Female	Harness	1.0mm	Unsealed	12b	12-Way	AMP
214	F8VB-14A464-BB	Female	Header	1.0mm	Unsealed	66b	12-Way	AMP
215	F8VB-14A624-AB	Male	Harness	1.0mm	Unsealed	12b	24-Way V Header	AMP
216	F8VB-14A624-AB	Male	Header	1.0mm	Unsealed	66b	24-Way Header	AMP
217	F8VB-14A624-BB	Male	Harness	1.0mm	Unsealed	11a	06-Way V Header	Molex
218	F8VB-14A624-BB	Male	Header	1.0mm	Unsealed	63b	06-Way V Header	Molex
219	XF2A-14489-AB	Female	Harness	1.5mm	Unsealed	30b	08-Way	Yazaki
220	XF2A-14A459-AB	Male	Harness	1.5mm	Unsealed	30b	08-Way	Yazaki
221	XF2A-14A464-AA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
222	XF2A-14A464-AA	Female	Header	1.0mm	Sealed	61a	26-Way	Molex
223	XF2A-14A464-BA	Female	Harness	1.0mm	Sealed	7a	11-Way	Molex
224	XF2A-14A464-BA	Female	Header	1.0mm	Sealed	61a	11-Way	Molex
225	XF2A-14A624-AA	Male	Harness	1.0mm	Sealed	7a	37-Way Header	Molex
226	XF2A-14A624-AA	Male	Harness	1.0mm	Sealed	8a	37-Way Header	Molex
227	XF2A-14A624-AA	Male	Header	1.0mm	Sealed	61a	37-Way Header	Molex
228	XF2T-14489-GA	Female	Harness	2.8mm	Unsealed	42a	08-Way	Yazaki
229	XF2T-14489-GA	Female	Preferred Inline	2.8mm	Unsealed	101a	08-Way	Yazaki
230	XF2T-14A464-AA	Female	Harness	1.0mm	Unsealed	10b	04-Way	AMP
231	XF2T-14A464-AA	Female	Header	1.0mm	Unsealed	63a	04-Way	AMP
232	XF2T-14A464-AA	Female	Header	1.0mm	Unsealed	64b	04-Way	AMP
233	XF2T-14A464-AMA	Female	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way	AMP
234	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	72a	20-Way	AMP
235	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	72b	20-Way	AMP
236	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	73a	20-Way	AMP
237	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	74a	20-Way	AMP
238	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	74b	20-Way	AMP
239	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	75a	20-Way	AMP
240	XF2T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	76a	20-Way	AMP
241	XF2T-14A464-ANA	Female	Harness	1.0mm	Unsealed	11b	08-Way	AMP
242	XF2T-14A464-ANA	Female	Header	1.0mm	Unsealed	64a	08-Way	AMP
243	XF2T-14A464-ANA	Female	Header	1.0mm&1.5mm	Unsealed	74a	08-Way	AMP
244	XF2T-14A464-BA	Female	Harness	1.0mm	Unsealed	10b	04-Way	AMP
245	XF2T-14A464-BA	Female	Header	1.0mm	Unsealed	64b	04-Way	AMP
246	XF2T-14A464-CB	Female	Harness	2.8mm	Unsealed	41a	04-Way	AFL
247	XF2T-14A464-DC	Female	Harness	2.8mm	Unsealed	41a	04-Way	AFL
248	XF2T-14A464-FB	Female	Harness	2.8mm	Unsealed	42b	08-Way	AFL
249	XF2T-14A464-GC	Female	Harness	2.8mm	Unsealed	42b	08-Way	AFL
250	XF2T-14A464-JA	Female	Harness	1.5mm	Unsealed	34a	16-Way	AFL
251	XF2T-14A464-KA	Female	Harness	1.5mm	Unsealed	32b	12-Way	AFL
252	XF2T-14A464-LA	Female	Harness	1.5mm	Unsealed	31a	08-Way	AFL
253	XF2T-14A464-MB	Female	Harness	1.5mm	Unsealed	31a	08-Way	AFL
254	XF2T-14A464-NB	Female	Harness	1.5mm	Unsealed	34a	16-Way	AFL
255	XF2T-14A464-PB	Female	Harness	1.5mm	Unsealed	32b	12-Way	AFL
256	XF2T-14A624-AA	Male	Harness	1.0mm	Unsealed	12b	12-Way Header	AMP
257	XF2T-14A624-AA	Male	Header	1.0mm	Unsealed	65a	12-Way Header	AMP
258	XF2T-14A624-BA	Male	Harness	1.0mm	Unsealed	10b	08-Way Header	AMP
259	XF2T-14A624-BA	Male	Header	1.0mm	Unsealed	64b	08-Way Header	AMP
260	XF2T-14A624-CC	Male	Harness	2.8mm	Unsealed	41a	04-Way	AFL
261	XF2T-14A624-EB	Male	Harness	2.8mm	Unsealed	42b	08-Way	AFL
262	XF2T-14A624-FC	Male	Harness	2.8mm	Unsealed	42b	08-Way	AFL
263	XF2T-14A624-HB	Male	Harness	1.5mm	Unsealed	34a	16-Way	AFL
264	XF2T-14A624-JB	Male	Harness	1.5mm	Unsealed	32b	12-Way	AFL
265	XF2T-14A624-KB	Male	Harness	1.5mm	Unsealed	31a	08-Way	AFL
266	XF2T-14A624-LC	Male	Harness	1.5mm	Unsealed	31a	08-Way	AFL
267	XF2T-14A624-MB	Male	Harness	2.8mm	Unsealed	41a	04-Way	AFL
268	XF2T-14A624-NC	Male	Harness	1.5mm	Unsealed	34a	16-Way	AFL
269	XF2T-14A624-PC	Male	Harness	1.5mm	Unsealed	32b	12-Way	AFL
270	XF2T-14A624-ZA	Male	Harness	1.0mm	Unsealed	11b	08-Way	AMP
271	XL2T-14A464-CA	Female	Harness	1.5mm	Sealed	17a	02-Way	AFL



272	XL2T-14A464-DA	Female	Harness	1.0mm	Sealed	7a	11-Way	Molex
273	XL2T-14A464-DA	Female	Header	1.0mm	Sealed	61a	11-Way	Molex
274	XL3T-14A464-CA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
275	XL3T-14A464-CA	Female	Header	1.0mm	Sealed	61a	26-Way	Molex
276	XL3T-14A624-CA	Male	Harness	1.0mm	Unsealed	14a	22-Way V Header	AMP
277	XR3T-14A464-AA	Female	Harness	1.5mm	Sealed	18a	02-Way	AFL
278	XR3T-14A464-BA	Female	Harness	1.5mm	Unsealed	27b	02-Way	AFL
279	XR3T-14A624-CA	Male	Harness	1.5mm	Sealed	18a	02-Way	AFL
280	XR3T-14A624-DA	Male	Harness	1.0mm	Unsealed	12b	12-Way V Header	AMP
281	XR3T-14A624-DA	Male	Header	1.0mm	Unsealed	65b	12-Way V Header	AMP
282	XR8T-14489-EB	Female	Harness	6.3mm	Unsealed	48b	04-Way	Yazaki
283	XR8T-14489-EB	Female	Preferred Inline	6.3mm	Unsealed	106b	04-Way	Yazaki
284	XR8T-14489-NB	Female	Harness	1.5mm	Unsealed	28a	03-Way	Yazaki
285	XR8T-14A459-CB	Male	Harness	6.3mm	Unsealed	48b	04-Way	Yazaki
286	XR8T-14A459-CB	Male	Preferred Inline	6.3mm	Unsealed	106b	04-Way	Yazaki
287	XR8T-14A459-EB	Male	Harness	1.5mm	Unsealed	28a	03-Way	Yazaki
288	XR8T-14A464-AA	Female	Harness	1.5mm	Sealed	24b	10-Way	Yazaki
289	XR8T-14A464-BA	Female	Harness	1.5mm	Sealed	24b	10-Way	Yazaki
290	XR8T-14A624-AA	Male	Harness	1.5mm	Unsealed	33a	32-Way Header	Yazaki
291	XR8T-14A624-AA	Male	Header	1.5mm	Unsealed	69b	32-Way Header	Yazaki
292	XR8T-14A624-AA	Male	Header	1.5mm	Unsealed	69b	32-Way Header	Yazaki
293	XR8T-14A624-AA	Male	Preferred Inline	1.5mm	Unsealed	84a	32-Way Header	Yazaki
294	XS21-14489-AA	Female	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
295	XS21-14489-AA	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
296	XS21-14489-BA	Female	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
297	XS21-14489-BA	Female	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
298	XS21-14A459-AA	Male	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
299	XS21-14A459-AA	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
300	XS21-14A459-BA	Male	Harness	1.5mm&2.8mm	Unsealed	58a	14-Way	Yazaki
301	XS21-14A459-BA	Male	Preferred Inline	1.5mm&2.8mm	Unsealed	109a	14-Way	Yazaki
302	XS6T-14A464-YDA	Female	Harness	1.5mm	Sealed	21b	04-Way	Yazaki
303	XS71-14A464-LBA	Female	Harness	6.3mm	Sealed	45b	02-Way	Molex
304	XS71-14A464-LBA	Female	Preferred Inline	6.3mm	Sealed	103b	02-Way	Molex
305	XW43-14A464-AA	Female	Harness	1.0mm	Unsealed	11a	06-Way	Molex
306	XW43-14A464-AA	Female	Header	1.0mm	Unsealed	63b	06-Way	Molex
307	XW43-14A464-AAB	Female	Harness	1.5mm	Sealed	18b	02-Way	AFL
308	XW43-14A464-BA	Female	Harness	1.0mm	Unsealed	11a	06-Way	Molex
309	XW43-14A464-BA	Female	Header	1.0mm	Unsealed	63b	06-Way	Molex
310	XW4T-14489-ALB	Female	Harness	2.8mm	Unsealed	43b	12-Way	Yazaki
311	XW4T-14489-APA	Female	Harness	1.5mm	Unsealed	31b	10-Way	Yazaki
312	XW4T-14489-ARA	Female	Harness	2.8mm	Unsealed	41b	06-Way	Yazaki
313	XW4T-14489-DB	Female	Harness	1.5mm	Unsealed	27a	02-Way	Yazaki
314	XW4T-14A459-BB	Male	Harness	1.5mm	Unsealed	27a	02-Way	Yazaki
315	XW4T-14A459-CA	Male	Harness	1.5mm	Unsealed	31b	10-Way	Yazaki
316	XW4T-14A464-ACA	Female	Harness	1.5mm	Sealed	24a	08-Way	Yazaki
317	XW4T-14A464-ADB	Female	Harness	1.5mm	Sealed	25a	12-Way	Yazaki
318	XW4T-14A464-AGA	Female	Harness	1.0mm	Sealed	7b	16-Way	AMP
319	XW4T-14A464-AGA	Female	Harness	1.5mm	Sealed	20a	03-Way	FCI
320	XW4T-14A464-AMA	Female	Harness	1.0mm	Unsealed	14a	22-Way	AMP
321	XW4T-14A464-AMA	Female	Header	1.0mm&1.5mm	Unsealed	75a	22-Way	AMP
322	XW4T-14A464-ARA	Female	Harness	1.5mm	Sealed	20a	03-Way	FCI
323	XW4T-14A464-ASA	Female	Harness	2.8mm&6.3mm	Unsealed	60b	26-Way	Yazaki
324	XW4T-14A464-AUA	Female	Preferred Inline	1.6mm Micropin	Sealed	86a	02-Way	AFL
325	XW4T-14A464-AYA	Female	Harness	1.0mm	Unsealed	12b	12-Way	AMP
326	XW4T-14A464-AYA	Female	Header	1.0mm	Unsealed	65a	12-Way	AMP
327	XW4T-14A464-AYA	Female	Header	1.0mm	Unsealed	65b	12-Way	AMP
328	XW4T-14A464-AYA	Female	Header	1.0mm&1.5mm	Unsealed	74b	12-Way	AMP
329	XW4T-14A464-AYA	Female	Header	1.0mm&1.5mm	Unsealed	76a	12-Way	AMP
330	XW4T-14A464-AZA	Female	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way	AMP
331	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	72a	20-Way	AMP
332	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	72b	20-Way	AMP
333	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	73a	20-Way	AMP
334	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	74a	20-Way	AMP
335	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	74b	20-Way	AMP
336	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	75a	20-Way	AMP
337	XW4T-14A464-AZA	Female	Header	1.0mm&1.5mm	Unsealed	76a	20-Way	AMP
338	XW4T-14A464-BA	Female	Preferred Inline	1.6mm Micropin	Sealed	86a	02-Way	AFL
339	XW4T-14A464-BAA	Female	Harness	2.8mm&6.3mm	Unsealed	60b	26-Way	Yazaki



340	XW4T-14A464-BEB	Female	Harness	1.5mm	Sealed	23a	06-Way	Yazaki
341	XW4T-14A464-BFA	Female	Harness	1.5mm	Sealed	24a	08-Way	Yazaki
342	XW4T-14A464-BGB	Female	Harness	1.5mm	Sealed	25a	12-Way	Yazaki
343	XW4T-14A464-BLB	Female	Harness	1.5mm	Sealed	23a	06-Way	Yazaki
344	XW4T-14A464-BMA	Female	Harness	1.5mm	Sealed	24a	08-Way	Yazaki
345	XW4T-14A464-BNB	Female	Harness	1.5mm	Sealed	25a	12-Way	Yazaki
346	XW4T-14A464-BRA	Female	Harness	1.5mm	Sealed	23b	06-Way	AFL
347	XW4T-14A464-CAA	Female	Harness	1.5mm	Sealed	24b	10-Way	Yazaki
348	XW4T-14A464-DAA	Female	Harness	2.8mm	Sealed	38a	06-Way	Yazaki
349	XW4T-14A464-DAA	Female	Preferred Inline	2.8mm	Sealed	97b	06-Way	Yazaki
350	XW4T-14A464-EB	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
351	XW4T-14A464-FA	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
352	XW4T-14A464-GA	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
353	XW4T-14A464-HA	Female	Harness	1.0mm&1.5mm	Unsealed	54b	17-Way	AMP
354	XW4T-14A464-HA	Female	Header	1.0mm&1.5mm	Unsealed	71b	17-Way	AMP
355	XW4T-14A464-JA	Female	Harness	1.0mm	Unsealed	14b	26-Way	AMP
356	XW4T-14A464-JA	Female	Header	1.0mm&1.5mm	Unsealed	74b	26-Way	AMP
357	XW4T-14A464-JA	Female	Header	1.0mm&1.5mm	Unsealed	76a	26-Way	AMP
358	XW4T-14A464-LA	Female	Harness	1.0mm	Unsealed	14a	22-Way	AMP
359	XW4T-14A464-LA	Female	Header	1.0mm	Unsealed	66a	22-Way	AMP
360	XW4T-14A464-LA	Female	Header	1.0mm&1.5mm	Unsealed	75a	22-Way	AMP
361	XW4T-14A464-LA	Female	Header	1.0mm&1.5mm	Unsealed	76a	22-Way	AMP
362	XW4T-14A464-VB	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
363	XW4T-14A464-XA	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
364	XW4T-14A464-YA	Female	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
365	XW4T-14A464-ZA	Female	Harness	1.0mm&1.5mm	Unsealed	54b	17-Way	AMP
366	XW4T-14A464-ZA	Female	Header	1.0mm&1.5mm	Unsealed	71b	17-Way	AMP
367	XW4T-14A624-AA	Male	Preferred Inline	1.6mm Micropin	Sealed	86a	02-Way	AFL
368	XW4T-14A624-AAA	Male	Harness	1.0mm&1.5mm	Unsealed	54b	17-Way Header	AMP
369	XW4T-14A624-AAA	Male	Header	1.0mm&1.5mm	Unsealed	71b	17-Way Header	AMP
370	XW4T-14A624-ACA	Male	Harness	1.5mm	Sealed	24a	08-Way	Yazaki
371	XW4T-14A624-ADB	Male	Harness	1.5mm	Sealed	25a	12-Way	Yazaki
372	XW4T-14A624-AEB	Male	Harness	1.5mm	Sealed	23a	06-Way	Yazaki
373	XW4T-14A624-AFA	Male	Harness	1.5mm	Unsealed	31b	10-Way Header	Yazaki
374	XW4T-14A624-AFA	Male	Header	1.5mm	Unsealed	68a	10-Way Header	Yazaki
375	XW4T-14A624-AHB	Male	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way	AMP
376	XW4T-14A624-AJA	Male	Harness	1.5mm	Sealed	19b	03-Way	Yazaki
377	XW4T-14A624-AKA	Male	Harness	1.0mm&1.5mm	Unsealed	54b	17-Way	AMP
378	XW4T-14A624-BHB	Male	Harness	1.5mm	Sealed	23a	06-Way	Yazaki
379	XW4T-14A624-BJA	Male	Harness	1.5mm	Sealed	24a	08-Way	Yazaki
380	XW4T-14A624-BKB	Male	Harness	1.5mm	Sealed	25a	12-Way	Yazaki
381	XW4T-14A624-CA	Male	Harness	1.5mm	Unsealed	33a	16-Way Header	Yazaki
382	XW4T-14A624-CA	Male	Header	1.0mm	Unsealed	66a	22-Way V Header	AMP
383	XW4T-14A624-CA	Male	Header	1.5mm	Unsealed	69a	16-Way Header	Yazaki
384	XW4T-14A624-CA	Male	Preferred Inline	1.5mm	Unsealed	84a	16-Way Header	Yazaki
385	XW4T-14A624-CAA	Male	Harness	2.8mm	Sealed	38a	06-Way	Yazaki
386	XW4T-14A624-CAA	Male	Preferred Inline	2.8mm	Sealed	97b	06-Way	Yazaki
387	XW4T-14A624-DA	Male	Harness	1.0mm	Unsealed	12b	80-Way Header	AMP
388	XW4T-14A624-DA	Male	Harness	1.0mm	Unsealed	14a	80-Way Header	AMP
389	XW4T-14A624-DA	Male	Harness	1.0mm	Unsealed	14b	80-Way Header	AMP
390	XW4T-14A624-DA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	80-Way Header	AMP
391	XW4T-14A624-DA	Male	Header	1.0mm&1.5mm	Unsealed	76a	80-Way Header	AMP
392	XW4T-14A624-EA	Male	Harness	1.0mm	Unsealed	12b	58-Way Header	AMP
393	XW4T-14A624-EA	Male	Harness	1.0mm	Unsealed	14b	58-Way Header	AMP
394	XW4T-14A624-EA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	58-Way Header	AMP
395	XW4T-14A624-EA	Male	Header	1.0mm&1.5mm	Unsealed	74b	58-Way Header	AMP
396	XW4T-14A624-GB	Male	Harness	1.0mm	Unsealed	14a	64-Way Header	AMP
397	XW4T-14A624-GB	Male	Harness	1.0mm&1.5mm	Unsealed	55a	64-Way Header	AMP
398	XW4T-14A624-GB	Male	Header	1.0mm&1.5mm	Unsealed	75a	64-Way Header	AMP
399	XW4T-14A624-JA	Male	Harness	1.0mm&1.5mm	Unsealed	54b	17-Way Header	AMP
400	XW4T-14A624-JA	Male	Header	1.0mm&1.5mm	Unsealed	71b	17-Way Header	AMP
401	XW4T-14A624-KA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way Header	AMP
402	XW4T-14A624-KA	Male	Header	1.0mm&1.5mm	Unsealed	72a	20-Way Header	AMP
403	XW4T-14A624-LA	Male	Harness	1.0mm&1.5mm	Unsealed	55a	20-Way Header	AMP
404	XW4T-14A624-LA	Male	Header	1.0mm&1.5mm	Unsealed	72a	20-Way Header	AMP
405	XW4T-14A624-MA	Male	Header	1.0mm	Unsealed	63a	04-Way Header	AMP
406	XW4T-14A624-MA	Male	Harness	1.0mm	Unsealed	10b	04-Way Header	AMP
407	XW4T-14A624-UA	Male	Harness	1.5mm	Unsealed	33a	16-Way Header	Yazaki

408	XW4T-14A624-UA	Male	Header	1.5mm	Unsealed	68b	16-Way Header	Yazaki
409	XW4T-14A624-UA	Male	Preferred Inline	1.5mm	Unsealed	84a	16-Way Header	Yazaki
410	YC1T-14A489-BA	Female	Harness	6.3mm	Unsealed	49a	06-Way	Yazaki
411	YC1T-14A464-AA	Female	Preferred Inline	1.6mm Micropin	Sealed	89a	42-Way	AFL
412	YC1T-14A464-BA	Female	Preferred Inline	1.6mm Micropin	Sealed	89a	42-Way	AFL
413	YC1T-14A464-CA	Female	Harness	2.8mm	Sealed	37b	04-Way	Yazaki
414	YC1T-14A464-CA	Female	Preferred Inline	2.8mm	Sealed	97a	04-Way	Yazaki
415	YC1T-14A464-DA	Female	Preferred Inline	1.6mm Micropin	Sealed	88b	38-Way	AFL
416	YC1T-14A464-HA	Female	Harness	2.8mm	Sealed	37a	03-Way	Yazaki
417	YC1T-14A464-MA	Female	Harness	1.5mm	Sealed	19a	02-Way	AFL
418	YC1T-14A464-MA	Female	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
419	YC1T-14A624-CA	Male	Harness	2.8mm	Sealed	37b	04-Way	Yazaki
420	YC1T-14A624-CA	Male	Preferred Inline	2.8mm	Sealed	97a	04-Way	Yazaki
421	YC1T-14A624-DA	Male	Preferred Inline	1.6mm Micropin	Sealed	89a	42-Way	AFL
422	YC1T-14A624-EA	Male	Preferred Inline	1.6mm Micropin	Sealed	89a	42-Way	AFL
423	YC1T-14A624-FA	Male	Preferred Inline	1.6mm Micropin	Sealed	88b	38-Way	AFL
424	YF1T-14A489-AA	Female	Harness	2.8mm	Unsealed	42a	08-Way	Yazaki
425	YF1T-14A489-AA	Female	Preferred Inline	2.8mm	Unsealed	101a	08-Way	Yazaki
426	YF1T-14A489-BA	Female	Harness	1.0mm	Unsealed	10a	03-Way	AMP
427	YF1T-14A489-CA	Female	Harness	1.0mm	Unsealed	10a	03-Way	AMP
428	YF1T-14A464-AAA	Female	Harness	1.0mm	Sealed	7a	11-Way	Molex
429	YF1T-14A464-AAA	Female	Header	1.0mm	Sealed	61a	11-Way	Molex
430	YF1T-14A464-BA	Female	Harness	1.5mm	Sealed	22a	04-Way	AFL
431	YF1T-14A464-CA	Female	Harness	1.5mm	Sealed	20b	04-Way	AFL
432	YF1T-14A464-DA	Female	Harness	2.8mm	Sealed	36b	02-Way	AFL
433	YF1T-14A464-DA	Female	Preferred Inline	2.8mm	Sealed	96b	02-Way	AFL
434	YF1T-14A464-FA	Female	Harness	1.5mm	Sealed	19a	02-Way	AFL
435	YF1T-14A464-FA	Female	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
436	YF1T-14A464-GA	Female	Harness	1.5mm	Sealed	19a	02-Way	AFL
437	YF1T-14A464-GA	Female	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
438	YF1T-14A464-HA	Female	Harness	1.5mm	Unsealed	30a	06-Way	Osram Sylvania
439	YF1T-14A464-JA	Female	Harness	1.5mm	Unsealed	29a	04-Way	Molex
440	YF1T-14A464-TA	Female	Harness	1.5mm	Sealed	19a	02-Way	AFL
441	YF1T-14A464-TA	Female	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
442	YF1T-14A464-ZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
443	YF1T-14A464-ZA	Female	Header	1.0mm	Sealed	61a	26-Way	Molex
444	YF1T-14A624-AA	Male	Harness	2.8mm	Sealed	36b	02-Way	AFL
445	YF1T-14A624-AA	Male	Preferred Inline	2.8mm	Sealed	96b	02-Way	AFL
446	YF1T-14A624-AAA	Male	Harness	1.0mm	Sealed	7a	37-Way Header	Molex
447	YF1T-14A624-AAA	Male	Header	1.0mm	Sealed	61a	37-Way Header	Molex
448	YF1T-14A624-CA	Male	Harness	1.5mm	Sealed	19a	02-Way	AFL
449	YF1T-14A624-CA	Male	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
450	YF1T-14A624-DA	Male	Harness	1.5mm	Sealed	19a	02-Way	AFL
451	YF1T-14A624-DA	Male	Preferred Inline	1.5mm	Sealed	80a	02-Way	AFL
452	YF1T-14A624-EA	Male	Harness	1.5mm	Unsealed	27b	02-Way	AFL
453	YF1T-14A624-LA	Male	Harness	1.5mm	Unsealed	29a	04-Way	Molex
454	YS6T-14A464-AZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex
455	YS6T-14A464-BZA	Female	Harness	1.0mm	Sealed	8a	26-Way	Molex

